

SEQUENCE LISTING

<110> Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Mutated Mammalian Cells and
Animals

<130> LEX-0126-USA

<150> US 60/179,110

<151> 2000-01-31

<160> 341

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 158

<212> DNA

<213> Mus musculus

<400> 1

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|------------|------------|------------|------------|-------------|------------|-----|
| acttatggat | cttcactgca | agatggactg | ttccaatctc | agaggaaactc | ttccagaaac | 60 |
| ctgtatagac | tactttggcc | ttgaactcct | acaggtgggc | ctgcctttgc | ttcctagtgc | 120 |
| tgggattaaa | ggtgtgtatc | accactgaaa | aaaaaaaa | | | 158 |

<210> 2

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 2

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gactgagga | aagtcattga | ggcttcaggc | ntttttcttc | cagtctcaag | acagtgggtg | 60 |
| agtccacagg | gaaacggaag | atcactnccg | cgaccatgng | ganctggcct | tnctangagg | 120 |
| acgagcttca | gctnttgagg | agcgtgctgc | tgt | | | 153 |

<210> 3

<211> 361

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 3

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| aacatcgatc | atgtcatttc | ctcgcttgga | acgaattcag | cctctcatan | cgggcaacag | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| caccaaggcc | tgaaaggaag | gcttgctggg | tgccaggaag | caggacattg | cattaataag | 120 |
| caggctctgg | tcagcactaa | tccctaccta | cttctgcttg | gtcccgccag | ctcgctacca | 180 |
| tggattcctg | agatcttttt | gttccggctc | acttccttcc | tctggccatc | aacctaaagga | 240 |
| ggtcctggtt | gcaagccatt | gtccatgaca | ttgctttttg | tttgggtttt | tgattgntga | 300 |
| gtctggtctt | gaacttgnga | tcttctgtcc | tcttcaatgn | naagngaacc | accatccctg | 360 |
| a | | | | | | 361 |

<210> 4
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 4 | | | | | | |
| taggacccag | aagatgtgtg | tgcgagattg | tgtcttctan | aatgatggg | gacgcttcac | 60 |
| ccatgttacc | caaacagtat | ggttgtctaa | acaagacccg | aacatganca | tcaccaacag | 120 |
| acatgccaat | atggaaagga | aatcccctgg | agtccttaag | aactacagtc | ggcctcgga | 180 |
| ttgttgggag | tggggaggag | tcttntgtct | caccangna | tgaccctgct | accgcctat | 239 |

<210> 5
 <211> 210
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| <400> 5 | | | | | | |
| gagacatgct | gatgctggga | caaagaatgg | tgctgnctatg | agctttcaga | gtactctgac | 60 |
| nacggtgact | gggaagctgt | tttggacatn | nggncctntn | cccacccttg | nttgctatn | 120 |
| ttccagattg | gatnanctgc | cttccttcaa | gcttttaaac | ctngnncggn | agagaacatg | 180 |
| aagactggaa | acnaccttta | aaaacttaat | | | | 210 |

<210> 6
 <211> 264
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| <400> 6 | | | | | | |
| gactgaggtg | gggtctttca | ggaggagagg | aagncgacga | cgacgacgct | agttactgca | 60 |
| cggaaagcag | cttcaggagc | catagtacat | acagcagcac | tccanntaan | nacccaaagn | 120 |
| nnangggnga | nngnttcnc | acctnctccc | tccccctggc | ttgctccctc | tccagtgcag | 180 |
| tgcctcctgc | ttcctagctc | ccccccccct | tccccgacctg | tccccacgc | ggaggccacg | 240 |
| gcgcgtntag | tgacaaaaaa | aaaa | | | | 264 |

<210> 7
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 7
 gaactgagat ctccagtcca ggatttcccc tgggccacga atcttggttg aatgccttcg 60
 gagcatcact gatccaggag ctgaccttct gtcatttaca tggcgtctcc ttgatgaaat 120
 attctccagc tgcttaagaa catagtgaac agtttctcac ggattccaac ttgaacaaaa 180
 atcacacctc catccttggt caacagaccc ccaaagcatc tacttttcca agtacacaca 240
 ctccaggaggc agagccaagt ggaccttttg agttcaagcc caacgtgggc tacanaagca 300
 aagtttcagg acagccaggg cttcataaat agatcttgtc tcaaataaaa aagaa 355

<210> 8
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 8
 actgagtatg tgtgtgccgg nagagttcaa agcagggcct cggcatcccc tggacattat 60
 caatagtggg caaggacctc aggtttctgg agagaacagc aagagctctt aatggcccag 120
 ccaactccca agtctcttca gttatatattt ttccaagaat tacntaaaag aggctattaa 180
 aaaaaaaaa 188

<210> 9
 <211> 436
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 9
 aatgaaggac cctganactn ctengaagaa gggattgatg cnggncgctt ttggaatgat 60
 acagaacnnn ctacaaccag aaacactagn aaaggccact gaaaangcta acgcctaaac 120
 ccgggtntna angcnntccg cacnccggcc cagnntacgg naccgnttt cagccaggcc 180
 tngganagc aagagtgaag aaatgcggag gggagttcca agccgccttt tcccaactna 240
 agggccccgg actttgnttg nccgttgctg aaaganccct atagacaaag atgagaagac 300
 nttnttngaa ttgatcagag acaaaaaagg gctcgaanna aangagtttt gancggnaca 360
 ccgtaccatt taaatgtgtc tgctctttct ggnntnaatc aaanaaaggg atccctntgg 420
 aaatacgaat attcgg 436

<210> 10
 <211> 306

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 10
 gactgaggtg gccctctagc tgcactggcc ctccacanct atggcctcct gccagactc 60
 agataatagc tgggtgctcg ctggttctga gaatctgcct gtggagactc tgggccaga 120
 acccaggatg gaccagaat ctgagggagc ctcccaggcc ctccgggact cctccaaggc 180
 agatggcaaa gaattagctt gggaccttgg atggagaaga gaagcttttc cagacggaaa 240
 gttcccagag agaaactgct gttctgacag agtctgcgcc caagggcact ctgggagccg 300
 atggtc 306

<210> 11
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 11
 gctgcccgtc cctccagata ctctgctggg ctctgangg gctncttgaa ttgaccctta 60
 ngtgtnnct tngggagccc aatgtntnta aaagaaggca tgttctgatc caaagtgtta 120
 tcgtcaagtg tgctaattta accagactga ctacagatg gcttctttaa taaataaacc 180
 cttttcctat ttttaaaaaa aaaaa 205

<210> 12
 <211> 267
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 12
 cagctcacga tgccagganc tgaccaatna ctactttggn ttcagtggat ggtcgaaaag 60
 gatcatcaag ctgcaggagc tctccgnact ggangatgca gctctcagct gtgcccagc 120
 anaaggggag cccccagatn cntngcgctg tanaggaggt gctgcccccc tacggatgca 180
 gnagccctgg gggtggcatc tctgaggagc cntngcacca gctggaggaa gggaagagct 240
 ggntaattat gaacaggaag acagctc 267

<210> 13
 <211> 282
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(282)
 <223> n = A,T,C or G

<400> 13
 tttaagaacc cgaggncaaag acccacctga nttntagaat gagngacaaa acccncctn 60
 ncatnattna tnannaatth caagangggc agctogaana ngentcngcn gnnctctatt 120
 catentacan ggacaagggg gcactcatgg ntttcagagg aattcctatc tccgagctga 180
 cgaaccatgg gattctccag gccctgacgg nagaaaacca atgggtggca nacaggtgnt 240
 gggagtgaag aggnccctaaa gcccgaggag agtggggaagt gg 282

<210> 14
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 14
 gactgaggtt tctggacaga cctagngctt caccaagaga attcaacttg gaaaccaaga 60
 ctggtagact ctcgtttctt ccgacaagag gcagaagtca gagagagact gcggattctt 120
 gggacacctg ttttctcttt ggaggacacc gagttctttg agaagacagt tcaatatggc 180
 aaaggaactg aaagaacggg gaggagccgt tactgtgatt tggtagacgg tcttcagaca 240
 accagtgtct taaggaaaac tgggacagag aacttctgaa ctttttgggt tcgttaagtg 300
 agaagtcagc atggctcagg taaaagctc tcgagtcctc cttcaagacc gttcactggg 360
 aagcctcttt gcagngtcac cttgaattc tgccttagcc aacagtattg accatcccca 420
 g 421

<210> 15
 <211> 240
 <212> DNA
 <213> Mus musculus

<400> 15
 agattctcat gcctgtgacc caggctggtc tggaactaat tatgtagcca gacttgccca 60
 aaattcatgg cagtctctt gcctcagcct cttgtgtggg gggattacag acttgagcaa 120
 cattcttcag tgcatttctt aggaatcttg gctaaaaaaa tccaagttta tcacacacaa 180
 gttctacctt tattggaata aattcaatca agttctttgt gttccttoca aaaaaaaaaa 240

<210> 16
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 16
 gggttaaggaa cactgactgc atcttccaaa ggtncgtant tcacatccn agcaaccaca 60
 tggtcggcct cacaancatg tgtaangnga tcttgacagc cctcttctgg t 111

<210> 17

<211> 542
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 17
 tgagacccca gggccgcagc tttggagcct tacaagggcc taggccgctc gccgtacact 60
 ttcccgctcc cggacgacga gggctccgca ggcaaaagaa ggggctgnct agcactcgag 120
 aacgcttctg ggaaatgtan tccgcgattg gaactggcgg ngaagatggc atccattctc 180
 ggatttcccg ccagagcacg gcctgaggca ggccgaggag ctcgttccnc attttcaatt 240
 ttgtgcgtga aattcctaga cagatataca aactcggaca gaaactctta caatgcattg 300
 agcccccttc atgatagggg gccaatctca gagaatcact gtatgttttt ggagtagggt 360
 tgcaccggaa gttgtgtaga gtgcgctgta tttctgggaa atgtagtcta aaaaaggaac 420
 tgcgtggcac tggctctcctg gaacaaagtt gttngaaatg atttctgaga taccacaccc 480
 tgagtctgga catttctggg ccttgtaact cactgtanga attttcagga tgacaaaaaa 540
 aa 542

<210> 18
 <211> 309
 <212> DNA
 <213> Mus musculus

<400> 18
 gaactgagca aatccaagct ctgctggctc cccccaagac ggacgaggca gaaaagcggg 60
 gtcggaagcc cgagaaggag tcccgagaa gcggcagggc caccaaccac cgacagctgc 120
 gatagctgca aggaagggtg ggatctcttg tgcctgcgac actgccctgc cgccttccac 180
 ctccagtgtc gggattgact caggacgtca gggtgtcctg tttggcagca agtaccttca 240
 cctcctgagc catctttctc ctaatataaa taaaccttta tattaaaaac aacaacaaca 300
 aaaacaaaa 309

<210> 19
 <211> 538
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 19
 tgagatctct gagtggagtc atttcctggt acagacttca caaagaatgt gctgagaatt 60
 ctagtctgtg aagggaacat tggcttaagc cctcactgtg cctagcattt cttctcttca 120
 gtagcaccac atcacagaag aaaaatgtac gggagcgcaa gaacaatcag caatctggaa 180
 ggcagccctt ccaggtcacc acgtctgcca aggtctcctc gtttgggcca ccgaagaaca 240
 agcagtgggg gagggggagg gacaggcaag actctgtcta tggagaatat ccagtcctt 300
 aatgcagcct atgctacgtc tggacctatg tacttgagt accatgaagg ggtggcatcg 360
 acaacttacc caaagggaac catgactctg ggcaggcgca caaatcgagc ggtgtatgga 420
 ggccgggtca cagccatggg gagtagtccc aacattgctt ccgctggact ttccacacg 480
 gatgtccttt nctatacgga tcaacatgga gggctgancg gnttatccca ccacccca 538

<210> 20

<211> 501
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 20
 tgaggcttcc ctttccctcg cacctgtctt gcgcttttga cancaganaa ggaaaattct 60
 ntgnagagnc ctaccttgcc agtggcgccc ttaagcgggtt aattttaaat cttgatccat 120
 taccaactaa ttntgnagag gatacagtca gaactatttg gcttccaatg ggntacagaa 180
 acagngctag tctattcctg tagagagctc ttccatttat ncaggcaaca gatatttaac 240
 ttggagtcct tgnnacaagt cagctgngat ttgngaaaa tanccacctt gcacgccaaa 300
 gcngacagtn ttaggcaaca atgtgtagtg ttccttctact acattaaagt tttcatcttc 360
 aggtgncttg naagtaccgg aagcngagag ccacagncgc cctgcccata cctatgaggc 420
 tntgnaagcc cancttcctc tcattgntgg tcgatgaagc tcccaggatn actnctggac 480
 atntggacat ttagctggac t 501

<210> 21
 <211> 206
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 21
 ttctctgggt tcctcgggan cccgnggacc cctggatata ntgccnant gntgagcccg 60
 ctaaaagcca tngtngaccc cggcccggcg ccgcctnatg agggacttna aaggaggnta 120
 caggaaagat cctccggccg gagtgangng gggctccgnc ggagaacaac ttaatnggtt 180
 tggaatgcgg tcattttttg ggcccg 206

<210> 22
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 22
 aatgcacaat gtaatnagaa caagggtga ccatttggan agacctttat ttctttgacg 60
 ctcccgtctt ttntctccan cgnctatcgt ntctcatcna atggctgagc tctgtgngcg 120
 tcacgaaggc atcttaacct agntctacgg ccataccat 159

<210> 23
 <211> 329
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 23
 aactgagga taaggagttc agctcatggt cgagcgcttt cctgggataa ccaaggatct 60
 tgggttcaatt tctacagaag aaatggcttt ccagactgta gtattatgga ttccaacctg 120
 ggttggtgtt gcttggtttt acatttttaa gccaggtgtc tgaaatccca ncatttggct 180
 gactgagga aagaggggtc aacnccaccc anagcttcct gaacgggngt nccatganag 240
 ccngctntcc tgnaattatt gccctgggag atggatnagg atnncacggg tanggagagg 300
 gtggaatgct acnaafctag gcgacactc 329

<210> 24
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 24
 acagcattat aagtcagtgg aggaatanga taaatgaact gaaaaatcta actatgtcaa 60
 ccaaaggagc tctggtctct gacntaaaag atgggggtcag acaagcancg cctgccnnnn 120
 gnatttgnaa gtngcaagc agggggngnt ntgggtcncc angctttcca ntgaataaca 180
 gcaccancag cactgttcat gaactttaga atttaaaaca agccctggnc ttgccactcc 240
 tccttcogga agcacttcag tatttgggaag tcaccagcc tttggggctg ggccctntgc 300
 gggntnctnc atatttttct tcaactccagc ctttggactt ggggaaacct gaanccacgt 360
 nnggntgcat natttttcggn tnaagagccc tgaagcttcc aggttttgca tcacctgggg 420
 ttttgannga tttncagcct ccatggcagg ga 452

<210> 25
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 25
 tctgggggttc tagaaccact ttctgctaga gcaagggacc ccaccctgtc agctcttggc 60
 ngggaggcac cagcatccac aacgcccata ctcggtgggt ccctgcaggg gggattagga 120
 caacccang gngaggaagc agaaagcact ttttggggaa acctgctgtg tgccactaga 180
 cacangttca caggagacca nggaggtggn ccccgggccg atgagggctt 230

<210> 26
 <211> 443
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(443)
 <223> n = A,T,C or G

<400> 26
 tgaggaactg aacctggggtc cttgtgcatg tgttttcttcc agcagatcca agtcttgcta 60
 ctcttgaccc tatggctggt gtctgagcat actgatgagt tagttcaaca aggccattca 120
 gtttgattca gtatttgtcc ttataaagga agcctgaanc attcaagtcc aaggagngtg 180
 acagnagnat gaaacatgan tcngacatgg taaaagcata ctancaataa gcttgctggt 240
 nactctttat agtccaggct gggttcagaac tcatattcct ntcacctttg tcttctatgc 300
 actagggtac aggtgcacac tcagatgcac agcttaatct agtcctttc taaactgaaa 360
 cattcctgac ttactttaaa actacggaaa acatttgaga catgtatgaa tgtggncaga 420
 agagatttca gattagacct att 443

<210> 27
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 27
 ccaaatgcct ttccaggcta gaacccaagn ctgngatctg ctggccggac acancancag 60
 atctgcatga ggagggatca gacttctttt gntnaggggn cggaactcgt gtcctgacaa 120

<210> 28
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 28
 catctttggc tgtgctacnc tgnngctatt acaatccttg ccctactgag aagagtgtcc 60
 ncctttntac attttatnaa gaccagagct gctgcctttg aacaattggt aagtcctcng 120
 ggnagtnncc ggagnactcc attgcttttc ctctgtctat nnnngtgggg gggggagtgc 180
 tact 184

<210> 29
 <211> 278
 <212> DNA
 <213> Mus musculus

<400> 29
 gaactgaggc accactcgcc ctgcccaggc tcogacctcc acttcctctc cccaaaatgg 60
 cctcggttct gtgggaagtc acctccaggc cccgggccag ggaggaggcc acagaaaagt 120
 cctgagaggg aaaacacccc tccgcgagac cccacaggac cccgagttgt gcccaaaacc 180
 tagaggctag ggcacctgga ctggaggaag ggagccttgg ggctggaagg agtgacaaaag 240
 cagaaataaa ttgaatcctg atctttcaaa aaaaaaaa 278

<210> 30

<211> 141
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 30
 aactgagggg ggactttgtc tttctggacc aggaaggtga tgtaattgct accaccaaac 60
 ctgagaactt gagctcaatc gcanggaccc atatgttggc tcttcaattt gatggataaa 120
 gataactctg ttcaagaaaa a 141

<210> 31
 <211> 284
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(284)
 <223> n = A,T,C or G

<400> 31
 ccctctgtac acctcagcct gaagcctctc cntgagtnac ggggntacca tccccacca 60
 gggcactagg ntggaggcca ctgccaaagca tggagccac ctggagtccc ancgtngtgt 120
 ctgtgtgtggc nncgtgtggg ctcttcctcg tactgtctgc caagaggatg cttggctaga 180
 anaaccaccc aggtttatca gagagcccaa ggatcacatt gtnttnttcg gggaggngtg 240
 ncctncttcg tagtgccagg ccacngntaa tcttaaagcc acgg 284

<210> 32
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 32
 gaactgagtt gactttgggg tgaggncccc tttcacnact nncgtgtgtga ncagtacann 60
 cctactcgan ttgatatttg taccttaatt accaatatgc taccgtcct 109

<210> 33
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 33

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| tctgacctta | attaaaccac | accaggaatn | tatatncgga | agcctgnngc | antccagaca | 60 |
| tcnngnactt | gttttangcng | atcnccaagg | gggacttngg | gacngagtgt | cacncnttca | 120 |
| tgcntcaaaa | tntgttcaga | accaggangc | ctgtncatga | cgaccatcac | caggctncgg | 180 |
| aagagctgcc | gngcagcgct | tgccaggcaca | gagctgantg | cncaggcgcc | cactgctgca | 240 |
| gtgctcttca | gagcacacac | ttcaccaatt | cctaccncan | cgtnctgtct | gnaaatactt | 300 |
| gaaatcacga | cactcaatgg | gggcttttga | aaagaa | | | 336 |

<210> 34
 <211> 358
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 34 | | | | | | |
| gaactgagag | tggagctgtc | ngaagcctgt | ggcacctccc | ctctcttagc | cacagccaac | 60 |
| tgttccatga | caagagcctc | ttataagtca | tctggactca | caccctgggc | tagaagattc | 120 |
| aagaccttct | ggcagtgcc | cagaggacca | gaagncagga | gaacaccagg | cagcagtggg | 180 |
| aatggtaaca | gaanacctgc | tgncagtggg | tttgttttct | caaaacgccc | actcccatgg | 240 |
| gngngnttct | ccctcagctg | agatacanat | ggtgcctcca | atgccaaaac | ccagacctag | 300 |
| ccaaatcttt | actcccacac | catgactaaa | cttcctggct | gctatcaaaa | ccacaaat | 358 |

<210> 35
 <211> 214
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 35 | | | | | | |
| gaactgagag | tcatttcaag | cancctcctg | ctgccaggga | catcttttga | gtgagcacca | 60 |
| cacttcatga | tgaccatgan | ggctcctggn | cacgctgcc | taanatggnt | gntttgtatg | 120 |
| cccctgattg | cgctctgtgn | cgatggagca | actncaanag | agaccctacc | ctgtgactac | 180 |
| catcagggat | cncnggaaga | acacccatga | taaa | | | 214 |

<210> 36
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|-----|
| <400> 36 | | | | | | |
| agcctatctt | gaggaactct | caanggaacnc | ncaggagagaa | cnggttggn | ccattttcac | 60 |
| ctntctaaga | gatnagantc | tcacaggcnn | gnggnnttaca | tcacattctt | gaaaactcac | 120 |
| actagntact | tctggcttct | ttcaccctta | ttggctctttt | ttgttctgtct | gtgcctgtct | 180 |
| gngctncgan | gngggggggg | gnatggattg | gngnagagt | tgnccaactc | tctgggatagg | 240 |

aacttantgn tggaaaactt acccatgctg

270

<210> 37

<211> 256

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 37

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actgagtga | tgcgtccgcc | tgaagcccct | gacatacagc | ctgacatatt | cagctatctg | 60 |
| ctccaccta | tgtacacagg | gaagatggcc | ccacagctca | tcgaccctgt | gaggctagag | 120 |
| caagggatc | aattcctgca | cgcatacccc | ctcatccagg | aagccagcct | tgccagccaa | 180 |
| ggcagctttt | cccatcccga | gcaagtcttc | cctntggcct | catccttgta | cggcattcag | 240 |
| aatgcaaaaa | aaaaaa | | | | | 256 |

<210> 38

<211> 405

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 38

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| aactgaggtg | gggtctttca | cgggggctgt | ggaagctgtg | gaggctcgtga | ggcactgaga | 60 |
| gctgtcgctt | cgggtggtgg | ggncctcatc | ttcttcccct | gtctgctgta | cggaacatac | 120 |
| gccttcctgc | ctttcgatgc | cccagagcta | gccccaccat | gagctcccgc | ttggnttaca | 180 |
| cccttcgctg | tggggctctt | gccagctttc | ccatcgtact | cnggctcctt | gtgtacgggc | 240 |
| nggggctatt | tgngcttttc | tgcgcttcga | gcccttcggc | gagccgaggn | gggaagnnga | 300 |
| gatncacccg | gcagnacnng | ggcccaatct | agngcaaggt | cttcanoctc | tacttcntta | 360 |
| accctggggg | gggctttcaa | cctaactggg | ccccaaggac | accct | | 405 |

<210> 39

<211> 286

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 39

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tccgcacgca | taccangaaa | acacatgnen | nggnatcnng | gcaaagatta | atgccatgcc | 60 |
| tctggggcnc | agactcnagg | gtccttgtca | gcgcctntca | nganggnaaa | cttnatcatc | 120 |
| tggcacantt | atacncaaaa | caaggtntna | tagccatccc | tctgcncctnc | tcttggttca | 180 |
| tnacctgcgc | atacgcttcc | ttctngaat | tatgtggccc | tgtnngggcc | tgtnatnacat | 240 |
| catgctccat | ttncagcctg | aaaactcgnc | taggggaagg | cgcgga | | 286 |

<210> 40

<211> 241
 <212> DNA
 <213> Mus musculus

<400> 40
 actgagcctg aacctggctg ctcaggtttc actgtttatcg ggaagagagc atgtgggtgga 60
 gcctgccgcc ctatcattct gccactccca ctgctgctgc ctgctgccta gctgttccgg 120
 agccaaacac tgtgggtcacc tgcaactgga ctcgtaggat gatattggcag gaatgggccc 180
 cttccccttc ttcataaccc agtgtctgga atagtaaaat cgaaccttga tcagaaaaaa 240
 a 241

<210> 41
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 41
 cccaagccca actgtgtgng ctcttatcca actgnngatn agcccatgta tntcacgctg 60
 ctgnaggcac ctttggggaan gngggncaaa tcaacctcat aaaggatgat cgacaacaag 120
 aaactacg 128

<210> 42
 <211> 348
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 42
 tgggtgtcatg gaaggggatt tacttttatac tcttcctggt tgctggaagc ttttttggan 60
 gtattttttat gctcgggccc attttacctt tgatgtttat aaacctgtcg tggatcgcct 120
 ggattagcag ccgctcttggt gctacatggc tcacacttcc tgtggcattg ctggagacca 180
 tgttttggtgt gagagtgggt ataacagggt acgcctttgt gcctggagag cggagcgtca 240
 tcatcatgaa ccaccggaca cgtgtggact ggatgttcct gtggaactgt ctaatgaggt 300
 acagctacct cagggtggag aaagatntgc ctcaaataca gtctcaaa 348

<210> 43
 <211> 313
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 43
 tattctatga cagacngttt gggagatatc tgcaggangg atntttanac attacagaag 60

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(241)
 <223> n = A,T,C or G

<400> 47
 tgccataccc actgtggnan tacccttgcc tgaagcctct ccgagcggcn ngagatncta 60
 gantnttgat tnccagcagn ccatcccca acagcctatg caatccaagg gcacaatgga 120
 gctagacatn acccgagcaa gagccatggg gcatgncctg tngatggagn atcanntcac 180
 tccagacant ttttntnagc actgggcnga taaacctgc aaaanacaag ggggactgct 240
 g 241

<210> 48
 <211> 262
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 48
 tttcgtgaaa gtgcanagt tccaggattc tcttgtagacc tctgaggttc aaaacctgtt 60
 gtgatgactg tgagaggtta aaaatggatt ctaggccagc atggaagtga gagctcagaa 120
 gcacaagtct agacctgatg gtctttcttt agagaacagg gttctgagcc catggacacc 180
 ttgttaccba ttgtgnagnc actgatgnnc tnnnctnnca nnntcnntg ncttaccctc 240
 tcaagtgctg ggattaaagt tg 262

<210> 49
 <211> 492
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 49
 tactgagctc ccctatantc tcctacccat tcaccacttc ttcgactccg ntggatgaga 60
 accanntttt tccaactcgn tctacacttg ancatatcat gaanacatnc gttacaaatg 120
 aagcananng ctgcacaatg aggtgtcgnt ggatgcgaca cttntgagtt accctaaatn 180
 tcccangtct gnagancggn cggcgatagg acttggaac agctgcatg gattenntcn 240
 caggatatctc aaccacctcn naggtgcaa gatgcacgc cgggggcagn tcctcctgtt 300
 cagaacactc agcccacagc tgactcccac ttccgtacga taacgcaaga tgggtgggacc 360
 ggcnaattgaa aaccacattc angatgtcgg ctccggntt tcccggcagc nccccgcgtg 420
 gctgccgggg ccacaccac ttccggttcc ctgctccgg catggctggc ttanggacct 480
 ggctggccag tg 492

<210> 50
 <211> 242
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(242)

<223> n = A,T,C or G

<400> 50

```
ccgggctcct ttgcgtctgt ntnacaggca accacnctgg ccanncgttt ctcagggtgca      60
gtggatttcc tcacagagca ggtgttattt aggactggag gcagggatga gtactctggg      120
actggaaacc atctctctcc taaaaggga acttgactta taatggntct ccttgacagt      180
taatacccaa gcttgngcag ntatacagac ttgcacncag accctattat cacagagaat      240
tg                                                                                   242
```

<210> 51

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 51

```
gccctgaagg gtgcgctcgn gggcgtacaa ccaccagtt ttttgaatgc acaagggtgga      60
cagggccctt ggccttcttc tgacggagga nnggatgatg cggncagtga caccatcant      120
gagngaagat gccattaaag gg                                                                                   142
```

<210> 52

<211> 218

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 52

```
tttctgttg gggcccatth ggagcggata agggacagga gaagaaatga nggaaggcgc      60
acgagaagag cctggagatg gagatgcttt gctgttccac nctgcagggg tnaactgggtt      120
nactctttag tnttgcnng gcactatac tctcngcctc ntctgatctc ttgtgcttca      180
gcengtcang gtggggntgg cttggctttc tttttttt                                                                 218
```

<210> 53

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 53


```

agtcttgacag tgttaagtgt tttcctcagg gtgctcatac ggtgaaaatc atagatcang      60
ccacctttct gtgagccttc agctgagtct aanaggtgtt attgatact aatggctttc      120
acggatgggt ttacctgtcc tgcataagtn gcttgggacg agctgggacg tgatgtagca      180
tcctcttcac tgccactag gatgcagtag tnggcgcggg tggcctttgc ctgggatggc      240
acgngctca tgtttaactg ggcacccagn gctcatggtt agcccgcat gggcgngnc      300
tctattggag ctgcgctcac tgggtacac a                                     331

```

```

<210> 54
<211> 168
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

```

```

<400> 54
gactgaggtt gataggaccc aggccgnttt antggccagn ntaanaccta tggcatcngc      60
ggggccatnc ncaggatggg cgagtcanca tganccctat tcntncgatt ggctaaggct      120
gatggaattg tctcanacaa ctttttgagc ngaagaaatg cggggaatt                    168

```

```

<210> 55
<211> 345
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

```

```

<400> 55
actgccccag attttcgtcg gtaganccta aacatcgctg ccttagataa agacttagaa      60
naacaggacc ttggattgac aggtcccagg tcgctggcag gccttcccc agtatggatg      120
cgcatnggga ttaacttatg gaagcctttg agttcatnng ttctcagaaa ttagttcgag      180
aatggnatgt gaatggaatc ttcttaaccc ananggtntt tttntaata cataaccatt      240
tactttatgt aattgttaaa gntgataaca ttcgttttaa tttttttaca atagcattta      300
tgcaatggna ntacagaagg tccgtggagt tatattttta ttcaa                        345

```

```

<210> 56
<211> 447
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

```

```

<400> 56
agccaggagg ctgaaaataa caattccaca acatcagtnn cnggagttgg aactaaagcg      60
tcagaggacg cacgtgaccg gtgagcagag actgccagcc tgggtgcagaa aagcacacag      120
cagagctgct gagggagtgg ggggtgggaag gggagaaaaa ttctcttcag aatgcacgt      180
agctctggct agcaaaactg gaactggata caagctgcag acccaaaact ctcatgaccg      240
tgtgagaaca caattcaaga acattggagg ctgcaccagg tataagcacc gccagaggcc      300

```

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| atctgacagt | ctggtacggt | gctaagagcg | gtcaccagtg | tgacacagaag | acatctttga | 360 |
| gcgacatctt | ggnttacatt | gtccaggaac | acggccntgc | tgctcgaaga | gcttgaggaa | 420 |
| tacatccaaa | cacccattta | aaagctt | | | | 447 |

<210> 57
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 57 | | | | | | |
| ggcccagggtc | cccgtttcct | ggggctgngg | aagncttcaa | gctgttccag | aatccggntc | 60 |
| aaccggagtt | actggaaccc | agcagagnac | actcgccngc | cttgagcatc | ttttgcccac | 120 |
| aatctggctc | aggctcatag | gcttcagcaa | gaaanacttt | gggnacagct | gagtttgga | 180 |
| gaagactcca | nttnagtgc | cctccagagg | gangaaggaa | ggcncagntn | tttttttncn | 240 |
| ggagagggca | ncnngaaaag | gnagcncccc | ngcttgaaac | aaaaaaagga | ag | 292 |

<210> 58
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| <400> 58 | | | | | | |
| gactgagggg | cgcaaggaca | cacgggtacc | cagnttggtg | caatggactc | tgacatatgg | 60 |
| aggtgagggg | tcacggcagn | cataaaggac | nggctgntga | tgtgggctaaa | cttgtagagt | 120 |
| gccaatctac | ctgatgcgca | gcaccacata | aaactgggtg | gatggcaact | ggntgtgatg | 180 |
| gcaactgatg | tgatggcata | cagctgtaat | cctancactt | gggaagtaga | gaccaggtga | 240 |
| tccgtagttt | gaggtcaccc | ttggccacac | aataacatcc | aaaccagatt | gngctacaga | 300 |
| aaaccctgtc | taagaaataa | aaag | | | | 324 |

<210> 59
 <211> 238
 <212> DNA
 <213> Mus musculus

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| <400> 59 | | | | | | |
| gactgagtgt | cttctctagt | tctgtctcct | gctgcttttt | gagttcttac | tcagtctgtg | 60 |
| caccctgagg | agagtcagca | tcacagggcg | tcggtttcct | gtttcttcat | taacctaaaga | 120 |
| attcagacaa | aacaaagctg | tccttaaaaa | acaaagtcct | actccttagc | ctgagaggac | 180 |
| tatccccttt | tcaataaagt | ttacattata | agttgagcat | gtacctgcaa | aaaaaaaag | 238 |

<210> 60
 <211> 140
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(140)
 <223> n = A,T,C or G

<400> 60
 ggtgagccgg ctacagggag accctctttc cttctccaa catactcaca tactgcncat 60
 ctgtaatccc agnacttgag aggcagaggn aaaaggattg ctgngaattg gaagccatct 120
 tgagcaagat ctggtcttta 140

<210> 61
 <211> 263
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 61
 tacctgcagg catccancaa tgtgtcctta gcagcagact tgctgtcccc agtgtgtaag 60
 gccaggctt tgcccattag tctgtgactg aaaacaatcc cctgtctcca agcagcctcc 120
 acaatgacta ccccaaatcc ctaagcagat tcttgactt ggagagagaa cagctcaggg 180
 catgaggatc taaatgcaan agtcctactc antttganaa ccagtaataa aatccgtgtg 240
 tggtagcagg taaaaaaaaa ata 263

<210> 62
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 62
 gaactgaggt ggggtctttc actggcctgn cgctggcact ctgcgcatcc gtcccaagga 60
 togaaccttc cgctgcgcag ccgcgcgcgc ccttcagagg ctacccccac tccgccacgc 120
 gtccctcgggc cacgtgactg cacgaccacc gcaggggacc cgaaaggatc gccagggtccg 180
 ggtggggccag cggcgcttca gctctcctga gccagtatc cgtgcctccg tgcaaccgga 240
 tgtttagctgc cctcctccaa cttcagctcc aaagccggat ggacaaaccg acgggcaaat 300
 aaaagtctga gatttagaac agac 324

<210> 63
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 63
 ccaaaattca ggatanctt gctggtctca gctttagacc ctgcctggaa atcctgcctc 60

aaagtctcaa gtgctgggtg acaggtttga gtcaccgtan gtgctgatgt atctatcc 118

<210> 64
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 64
actgaggtgg ggtctttnaa gcacagtgga atggagtcag ccagagccta gagtgctaca 60
gagggcagag ctggagaagn gacccaagac ctttggggga gcacagaaga tcatgtgtgg 120
atcctagaca ctggaacaag aacctgtgaa gttaanatgc cttgnagacc cttgagatat 180
tagaagattg ccnccgtccg naggataccc tcgctngagg aaagcttact aaccacggag 240
taagnancaa canaatggtg aaaggagaa tgctattccn aaacngana ancccgnngt 300
ttnggagggg tgctctggct tggnttttgg gccttgctta agtccnngta tttttcttna 360
ccnntgataa ttttgggagg tatat 385

<210> 65
<211> 450
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 65
ctcataggca tttggagaac agaagtagga caacngagaa gttttattag cctcncnaag 60
tttctggtnt gtggattatt attctgcttc aatatattgc ggacttaanc tgacagaaga 120
acacnctaca ctccccaccc tcnntgtttg ccctngntct ntantacttc aganngtgga 180
cttnagacta ggtgtcgant cgccatcngc catcccatth tctttgaggg agcatcanaa 240
ggacctnccc gccagcctcc cggncncnc cccgngcgag ncaggtgnca tccagggttta 300
gcaanaaaac ttggggncnn tnanaaggag tngtggagcc cagcgagggg gaggaaaaaa 360
ggagagggcc nccgncctgc cgaagggaac ngngagggaa tagtcccatc ctttnggnca 420
naaccnngga gggaaggtct tttaatggaa 450

<210> 66
<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 66
tcaaaggcat ttggaagaca gaagtangac gacagagaag ttntattagc ctncnaaagt 60
ttctggtatg nggattatta ttctgectcn aantntggcg gacttancag angaaaaaca 120
cctagactcc cagcctgttn ttgccctttg ccttattact tcagatgagg acttagactt 180
ggtgtcgaat cngcctcgc catcccatta tgcttcgnng agcatcanta gngaccccc 240

cgtcagtctc cggccacncc ccgagcnagt cagggtgcat gaagggtttta gnaggaaaac 300
tgcggccctt ga 312

<210> 67
<211> 444
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 67
aggagctact cggttcaaag gcatttggag aacagaagta agacaacaga gaagtnttat 60
tancctctca tagtttcttg tntgcggatt attatttctg cctcttattn tgcggactta 120
gcgangaana acacctacnn ctcccagcct gttcttgccc ttgccttagt acttcagatg 180
nggacttagn cttggtgtcg aatcgccatc gncatcccat ttgnttgagg agcatcatta 240
ggaccnccc gtcagcctcc ggccacaccc gagcagtcag gtggtcatca ggnttagcag 300
ggaaaactgg tgccctnata aagggtgtgg agcccancga gggaagaaaa gagggagagg 360
cactgnnccc gggaagggac gggaaggaat aantcccttc ttntggncna aagcaggggg 420
aagggtcttt tattgaaagc atct 444

<210> 68
<211> 494
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(494)
<223> n = A,T,C or G

<400> 68
ctgaggtgca acgctgaact tcaagtcgac cggtaacta aaattaagtc gctgtaacta 60
aaatggaaaa gtatgaaaag ctatgtaaga tcggagaagg gtcttatggc gttgtattca 120
agtgcagaaa caaatcttct ggacaagtag tagcgatcaa aaaattcgtg gaatctggaa 180
gatgatcgtg tcgttaggaa aatagccctg cgggaaatcc gtatgctgaa gcagttgaaa 240
cacccaaacc tcgtgaacct catcgaaggt gttcagaaga aagagaaaaga tgcatttagt 300
ttttgagtac tgtgatacaca cactgggttaa acgagctgga gagaaaccca aacggagttt 360
ctgatggagt gattaaaagt gtgctatggc aaacccttca agcccttaac ttctgncaca 420
agcacaatng taagtaatat tttctaagtc tagggaagtt ctcttgtagc cgatgcttct 480
gttgagagaga agga 494

<210> 69
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 69
ggaacctcaa agaggatgcc actgttttgg aactattttg aaggcgcagc catcactagc 60

| | | | | | |
|------------------------|------------|------------|------------|------------|-----|
| tttagggaca gggatattttt | tnacagcnn | agaaatagna | tccatancag | ctccanaata | 120 |
| acaanntgct tgagtttctt | ggggactana | agatgacacg | atannataaa | gacactggcc | 180 |
| aagcatgacc | tcca | | | | 194 |

<210> 70
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

| | | | | | |
|-----------------------|------------|------------|------------|------------|-----|
| <400> 70 | | | | | |
| gactgaggtg ccaccctacc | aaggtaactg | caatcttnan | gnccatccct | ccaaccactg | 60 |
| gatctgctgc actgnctgaa | gntnnggttn | ctnngccana | gcctcaactc | actca | 115 |

<210> 71
 <211> 478
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(478)
 <223> n = A,T,C or G

| | | | | | |
|-----------------------|------------|------------|------------|------------|-----|
| <400> 71 | | | | | |
| ctgctacata tgcgtgaaga | atggcactcc | ccatcatagt | ntnaatgggg | tgggcaggag | 60 |
| tactcagtga ccacgctctc | agaagatgat | actgtgctgg | atcttaaaca | gttcctcaag | 120 |
| acccttacgg gagtgctccc | agagcgccag | aagttactag | ggctcaaagt | taaaggcaaa | 180 |
| cctgcagaaa atgatgttat | tnttgagct | ctcaaactga | aaccaaatac | taaaatcatg | 240 |
| atgattnttt tactcgtgag | gagagcttgg | aagatgtctt | atgtcctcct | ccnccccccc | 300 |
| gatgatgtca tcaatgattt | tgacattgaa | aaaaaagtag | ttgaagtaga | aaataggagg | 360 |
| gaaaacctcc tgaaggcttc | tcgcagagtc | aaggagtaca | aggtggaggt | gctgaacctt | 420 |
| ccccgggagg gcaagaaact | tcctggtgct | ggatgttgac | tatacactgg | tttgggtga | 478 |

<210> 72
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

| | | | | | |
|-----------------------|------------|-------------|------------|------------|-----|
| <400> 72 | | | | | |
| cagatccagc acgcatgtgg | agaaagcctg | gcttttgtga | gntgtcnnac | tctnagctcc | 60 |
| tcctgcncca ngcccgctg | nntagcatgc | atgcttccca | ccttgatgat | agatggactg | 120 |
| aacctgctga natgaaagct | gcatggaccc | ccagtagaca | cncagactcc | antatctgag | 180 |
| aaangngcat catgaaagat | anatgcnggc | ctncagctat | tnactagggg | ctntannnct | 240 |
| ataaggntgc anncatagnn | ttccanaang | cccaaagcnt | gttnttgatt | anangcnctt | 300 |
| taagantttt actcaaataa | catctanaaa | ctggannntc | tntcactata | angntgnaat | 360 |
| natagtattc cagaatgccc | aaagcatggt | cttggttttaa | agcactttta | gaattttact | 420 |

caaataaaaat ctgaaaatgt

440

<210> 73

<211> 188

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(188)

<223> n = A,T,C or G

<400> 73

tcccacatct tgaatctatg ttgcacaccc tgatacatgt gaacgtgtgg ggccctgaaa 60

ggcgagctga gatttgata ttccgaccgc cgccttccg aagggacgtt gaccggatgc 120

tactgatct ggctcactat tgccgcatga aactgatgga aagnaagtaa nggatgggac 180

gggagtgg 188

<210> 74

<211> 108

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(108)

<223> n = A,T,C or G

<400> 74

ccctcagcac ctttcctcc tgtgccagca ctgaggaagg tccctgngtt ctcgtggngc 60

atggctgttt cnaggaaaca ngggagcttt ttgccagccc atttgcc 108

<210> 75

<211> 124

<212> DNA

<213> Mus musculus

<400> 75

gactgagaac ctcaaactca ctactgacgg agttcgtcat ccatccctgc ctcagaagat 60

ggcagctcca tcgtccaggt gctggggctg aaataaaaact ccatcatccc tcattctttt 120

ccta 124

<210> 76

<211> 131

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 76

attttgagct cctcttgac acgntgctcc tggcttngaa agatnccact tgggtttgaa 60

gatgccaaag gctgcttng atgtggcctt gaacttccgn ctagaaagag gntctataga 120

aatcactctt g 131

<210> 77
 <211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 77
 gcagacacat ttccagntga ttgaggtggc cagtgcacatt actcccgtgc gccttaccca 60
 tacttnagta gcnggcattt ctcatagaac tgtagaccac cttttctgtt tgagnccgga 120
 acgcagtttc agg 133

<210> 78
 <211> 151
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 78
 cacagccaca ctgctgnagc tngccgcttt gctgtgacga agccatcaca gnggtcacct 60
 gcaaccttan tcttagatta tctcggtgg naatcgngcc cctccccntt ccttcataac 120
 ggagngctgg aatantaaaa attgaacctt g 151

<210> 79
 <211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 79
 acaaggcaca aaattttggg gnacagacnc tcaccaactg ttctctgggga gccatctccc 60
 ttttcagtat ctnagattct ggaagactcg gntgacttcc taaggactgc atcctacaga 120
 agatacaact ccatggtgtt ctgaaagggt ggacaggaag tgagcagagg acatgaccag 180
 tgaaaacagc cactgtttct atgcctgcta ttatgctttt tttgaatggc tgacngtcta 240
 tctggggcaa gggttctcag aactgaagg accccactta gaatcttagg ttgnaagccc 300
 cctgtcaatg tcatggcagg aggcagccct tggaaagtgg gctttgtaat gagnggtagg 360
 tccccatttc ctgacagagg ntgctgggag cacaaggaga ctaggcacag taa 413

<210> 80
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 80

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gcaataccac | cttgtgacnn | cancgccact | tgacatgcga | ggccttgtag | gntagacata | 60 |
| nngcngggan | gncnangtcn | ntcaccacac | aacatccanc | ttgctgnagg | ctnaccgccn | 120 |
| aatgaaagaa | agcaaagaca | ggnaancng | ggccgagnaa | gcttgnttta | ggggatgggc | 180 |
| tgtttcnan | caggcggtn | ccacaggtgg | tccgaatctt | ccgggnccca | aaggctcact | 240 |
| tctcttttta | acaacaggtt | tctgccgatt | ccagcatcac | ttggaaaccc | agatttttgc | 300 |
| ncacacatgc | aaatccacct | ag | | | | 322 |

<210> 81

<211> 241

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(241)

<223> n = A,T,C or G

<400> 81

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggacgacaat | gaaggagntg | agattgacat | ggagtcctgn | cngaagcatc | tgaagaaaag | 60 |
| ggattctctg | antttgaggc | gacctgnagg | aanagttctt | ttccatactt | gncatgatnc | 120 |
| ttttttcaaa | cctganaact | angaagggnn | ttgggataaa | taactantga | ctactgann | 180 |
| tcctantgga | gagcngccga | ggngtgggga | canctgcnga | caanatactt | gtggtggcat | 240 |
| t | | | | | | 241 |

<210> 82

<211> 343

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(343)

<223> n = A,T,C or G

<400> 82

| | | | | | | |
|------------|------------|-------------|-------------|------------|------------|-----|
| ttccacatag | atgagggcct | cattcngcca | tcattgagntt | tagtgagntc | ccaggagaga | 60 |
| gcganacaga | nacaganact | cactcnncat | caaaccctc | ttctcagggt | tcagagagcc | 120 |
| agggagaaga | gacaganana | tttttngaa | ccagaganga | ccctaggaaa | acngngnctt | 180 |
| ncagacacan | cngcnctgac | acacatatat | gaactcctan | aantaggatg | ntcagggcc | 240 |
| tgaatagggn | tcaagacaga | tggagncccta | gaacaggaga | agcaagaaga | catgagctcc | 300 |
| tattcctaag | aagctgtntc | ccacctgata | ccctgcttgc | aaa | | 343 |

<210> 83

<211> 492

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(492)

<223> n = A,T,C or G

<400> 83
 tgtgaccttc acgttttagag ccttttagct gcctggttgt tgtatttgcc accctgaaag 60
 cgctccacct ctgggacctt aaaggtgat agtttactct tagttattta tggaaactag 120
 taggaagtct gcagttgaac acgaggcaac ttctctctat gccacgtgga gctgtcacog 180
 acttccacct cagagacaca caagcagagg agccacgtgc agcttgtgag aactttcctc 240
 acagaaacc attactgtac tccacatctg ctctctggaa taagcctggg atgaactgga 300
 ggaggaactt cagcggctgc tctgcataaa cactggagca gggcggcgtc aggggtgggac 360
 tatgcgcgca gccacaaagg caactcctgc tagaggacct aattgaagac tgnngagaga 420
 ccaaggattg atgacgcana caaagccagc caatcgggaa ctgctgtttg gaaganatgc 480
 ttgctgggga cc 492

<210> 84
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 84
 ccatcactac tgattcatat tggtagttna ctattgaact ggactgctgg catcctgaca 60
 atgaaaaatg gaatcgcccc aagaaattat ttctaaacag gtctagaaca ctcttttctt 120
 attaacttct tttctcccta cctctggttg atgaattaga agagaggntg aagattcaag 180
 aaccctaaat aaaacagg 198

<210> 85
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 85
 tggggccata taccagnctc catgtttctca gaccacacaan ctaaaagttn gaagcaaggc 60
 agtntgtcca gtongaganc aggaactcaa gtccaaaaca gnctgcctgt ctccactgtc 120
 agggcactca gccagctcnn aggtcagnat cngtctttgt ccngcatca gcttgtctca 180
 ccaatcactc tggcagctag catgctcctg ctgcngcatt ctgtggagaa aacacaaaaa 240
 tgccctcttc cccatattaa atacctgaac agta 274

<210> 86
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 86
 tctgagaggc actaattgca gcattncata agcaagatca aagcacgcat ttgaagngtt 60

cgaccatgaa tcnataata cagnacatgc cgagatgaga tngccacgat natcaggccn 120
ttacgncgct gcccgactnn agnagagctg catgatttca ttgcag 166

<210> 87
<211> 222
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 87
cggggaagga gatgttcagc ttcattttga cacagccgag cgcctaggag gcgtnactga 60
ntaagaggcc tgacttccca acagttnctt gggatgccag aagagaatgt ttgggccctt 120
gaaaatggag tcgcaagcag ccgngagcag cctnacatgg gtatcaagaa cagatttnag 180
gccctccaca agagcaggan gggctcttaa tagctgagcc at 222

<210> 88
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 88
gactgagggc aggtgagatg gctnagcagt tnaagcagnt tggtgnacga gcntcatgca 60
cctgngncca ttcccaganc ccatggaana gatggaaggn gagagctgac ttgacaaaan 120
tgtntnttga ccantgtaca cggactggag ccncggactg cattgttcag gaaaataaag 180
caatttgtat gaaaaaaaaa a 201

<210> 89
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 89
gaactgaggt ggggtctttn gtgctgtggc tctcgggtg agggaaacag gactgcacgg 60
cgcggagagg acgatcgccc tactgaaaaa aataccagat cttacnaaac ggctcacgta 120
gggnaagatg ccggccacac agaagcccat gaggaactgg acatacggaa gggcacaccg 180
aagtctgctt tgatgattct ggaaggttaag cntntttgga ancaaaggac gntccagcg 240
ngaattggta agacgnnatt cttggtatgg acagccggtc gaagatgacc ggatgcgggg 300
ggacagaggn aggaataaac aaggagcgcc cntgcccctg aggcttggtt ncttttgaac 360
tgtcgtgnca cttctangac ctcangaaaa tttaaaatcc tttaccccag aggagtgcct 420
tcccgcact cacg 434

<210> 90

<211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 90
 aggcctacgt cagggccgga ngtcctgacc tcaagatgna cccggatacc nccatgttcc 60
 atgcttccac nngtanctgc cannganga atttcncaact gccccatncc tcctgcttga 120
 gaantacttc ctgtttttcc attgccc 147

<210> 91
 <211> 322
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 91
 tcttgccaga tcaactgcgtg aggttgetca tccactctgc agggcaggca ngacatacgt 60
 tcccacgntn tggacaggag cgtctcnagg canagagtan ttgacaacat ggtaggcntt 120
 gncncnagna cgatggcgcc cctggcacan naggagagtc actngcctnt ttggncnant 180
 attctgatat tctncctgca ctgttnccaa ancgncatt ggttnnccta aggncaaaga 240
 caacatttgg tccccttgca nagggcanct ctgaaccgnc tntgactgnt gggagggcag 300
 gcaaataaat gcttttggtta tt 322

<210> 92
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 92
 taggaagcag tgtaatgatc tacagactac ctnaggnccct gcgnntacac cttanaagat 60
 tcatggtggt ctgnccgaaa ccatcggtgan annantgcng tccatgtcat ctttgacca 119

<210> 93
 <211> 237
 <212> DNA
 <213> Mus musculus

<400> 93
 ctgagcctaa gggaatgctg ttctctgcac tgaagtctct gtgccctega gtcacgectc 60
 atccccagtc aacgcgggac caaccagcca gaaggcttca gtttgtgcgg cttacaaact 120
 gggggccgca aagatgccct gccccagcc tctcctccca gggcatgcc tactctagag 180
 ctgctggtga acaggccagc cagggggaag atctccaggt aaactaataa aaaaaaa 237

<210> 94
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 94
 ctttggatac gcataccccc agnctgactt cttttccctg agcctcacct gccttcgagg 60
 agtngagtgc anaccacagc gcctttgctc agtagctgct cccgctgtg tncagngtac 120
 accctgcttc atggagcttc tctgcctaag cngtngacat gactgagtgc ttggaagnca 180
 atntttaann tgcacagntt acacatgcnn aaaaaagagc catctaccca acctnaccaa 240
 gcacccctgc agatgtccat cctgaggntg nagatctnac ctctgngntt actgtaagcg 300
 ccat 304

<210> 95
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 95
 acggacgaac cgtgtcaaag ggntatgcaa gncnngccan cagacagcng nnacagacng 60
 ngcaancntc caactganga agatgtgagt attcctggga tctgggagca ttcctgaaaa 120
 ataagagatt aaaaaaatc aaa 143

<210> 96
 <211> 414
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 96
 ctggctcccc tgcctcctt cctgacgtgt gtgctcagta gcagctaatt actttgtgtc 60
 catgtctctg cctacatcag ggacotgagg tcagagcctc angccaattn gcagaacctc 120
 ntagnntntn ctggatgaac tgccattgct agaathnagt aatgnngttc aganatggat 180
 gganctaccg tgetgatnnc tgtgaactga actgctgccc tontgacaan natngaaaat 240
 gncccaaaga actatnacct aancaggtec acatnctnt ttgncctatt aaccttctc 300
 tncactacct ntggngggcg gagggctaca agggaggtga aagtattnaa gnnatacnta 360
 tnaanghang nttngnanca tgnagctgaa ggggnctgca gggcgggggg aggg 414

<210> 97
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 97
 gaaccttaca agcttntgag atgaagaacc ngncangaag ctggngnnac gggnaaanagn 60
 gtatncncc tngccctggc tcgntgcgtg tngnctganc cngctaanca tgcacctnct 120
 gncctgcnac gntctantta gcnnngatngg nccnggtaga tcnattcttc acgcccgcgcg 180
 gncgccacga tgcanacggg ctacaggcgt cgtttcgcgg tcgcggcctg cggggcgagg 240
 aggtagctgt gccgccaggg tttgcgggat tcgtgatggt gacggaggag aaggggagagg 300
 ggttgatagg gaaactgaac ttctccggng acgcggagga caaagcggac gaggc 355

<210> 98
 <211> 245
 <212> DNA
 <213> Mus musculus

<400> 98
 actgagatta acacattaat gatgtcatcc gttgtacatc ctgaaagagc acctcacaga 60
 gcaccacagg accgggatcc aaaggaacgt gcaaaagtgc ccccgaccgc tgaggctgga 120
 gatggctacc tgcaggcagt gatgtcctct gcatagcaga agtggttcgtc gctgttaact 180
 tttactttgg ttgagacttt ggaaataaaa tctaacaagt gcattgtgta ttggaaaaaa 240
 aaaaa 245

<210> 99
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 99
 ctgtgcctgt ctccatggct ttcaggaccn tctcttgttt gacctgnctc ancacatatt 60
 ttcnctgaca gccatcgtga nttgtacngc cagtggcctg cctttcaagt tcaangtaan 120
 ccttatcgat ggagagagag agntnaagac cancttggac tacagnggnt ctgtattaaa 180
 actaacaaaa antgagctaa naggttagga agatggctca ntanatnnnn gcatttgcca 240
 acaacctgag ttccatccca ggaacctatg aaaagactga gggacanaac gaacttcaaa 300
 agttgncctc tgacctgctc atgc 324

<210> 100
 <211> 389
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 100
 tttgggaaag cacaggggcc tgtgtgtgtg gcctgtccgg cagagagcct ggtgggcatg 60
 gacatcttta tccacatacc ttagtgtgac cagcccgaca gaaanttnnt aaggccctct 120

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ctggtgcccc | agaataccat | gngacatat | cactatcctt | tctgcctttg | gatgtcccag | 180 |
| cctggatctg | tcaccaggag | aggattgtgg | gcctccacgt | tagtctgtga | atgcacactt | 240 |
| cgagtgactt | gtgtgcagg | tttgagagcc | ggttntgcac | tagctgctcg | acagctgctg | 300 |
| ccatggcccc | tgctcttgca | catgcgccgc | tgngggcatg | ggaattgctg | tgcagcctca | 360 |
| gctgtgttgt | atggctgctg | attaaactg | | | | 389 |

<210> 101
 <211> 396
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 101 | | | | | | |
| agacccgcat | cttgatggaa | cccacaatct | cactgcgcag | cactggttgc | attggcactg | 60 |
| acctggggac | agcaggagcc | atgtgaggtg | tgacctctac | cacatctggc | tcaactgcaa | 120 |
| gcatgcagtc | ttccagctca | ccaggtaaaa | aggagttccc | accttctggt | tgaggnaang | 180 |
| ncctctactg | agctagagtt | ctcatttttg | ctggggttgc | gcacattgnc | attggcactg | 240 |
| acctggggac | agcaggagcc | atgtgaggtg | tgacctctac | cacatttagg | ctcaactgca | 300 |
| agcatgcagt | cttccagctc | accaggtaaa | aaggagttcc | caccttttgt | ttgaggcaag | 360 |
| ggcctctcac | tgagctagag | ttctcatttt | ggctgg | | | 396 |

<210> 102
 <211> 254
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|------------|-------------|------------|------------|-----|
| <400> 102 | | | | | | |
| gactgagggg | atgacaaggt | ctgcgtattc | agcacagnta | tttctccaga | atattatagt | 60 |
| ctgcagttga | ttgaacctgg | atgcagaact | tgagagccatg | aagatcaaga | acattgtaaa | 120 |
| tgcaacaata | aggggggaaat | gcaattaaaa | agtgggctga | aaaagtaaaa | acagacttta | 180 |
| ttagagaata | tacacatggg | atcctcagtt | gatagaatgt | ccccataaaa | tggcctgtca | 240 |
| ggtaaaaaaaa | aaaa | | | | | 254 |

<210> 103
 <211> 211
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 103 | | | | | | |
| acgacccgcc | tgttttcccg | gggtanaccc | ccgcccttca | gcatggcatg | aagaggagcc | 60 |
| ttttnattag | nnactcacan | nnccgcagcc | atcaaacagg | cagcaaggct | tcaccagcaa | 120 |
| gaccgaaaca | ggagcaaggg | ggctggnag | anggctcanc | aagtaaggag | cacccgacta | 180 |

ctcttctnga aggnccggag ttcaaatccc a

211

<210> 104

<211> 451

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 104

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttgggactac | atggtaatcc | catgatatag | ctgactttcc | ccgacccgtt | catcacagga | 60 |
| tccccaactt | caaggggtcc | tacctggctg | gccagagcat | cagagacctg | gaagtctttg | 120 |
| ctgggacaca | ggaagtga | gtggacctg | ataagccct | ggaaggtgtc | cgattcctgg | 180 |
| cactgcagag | caaaaaaaca | ctgctggtcc | caacaccacg | actgcgaaca | gggctgttta | 240 |
| acaagancac | gccacccct | ggagccacca | aagacattct | gaggaaatgt | gccacctccc | 300 |
| anagcaggct | gggaancaag | cctntgtcat | ttggaaccgn | tgacongagc | ctgattgcct | 360 |
| gtcaccagac | actttcacag | ncctgctaaa | ctggnnctgg | aaacncactn | gagggatgga | 420 |
| gagccagggt | tcgctcttta | catacaataa | c | | | 451 |

<210> 105

<211> 255

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 105

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tagccagaac | cttgggtgtt | tganagccgt | aaaggaagac | ctcgataagt | tcttcgggag | 60 |
| attccagggt | cttcagctca | aacatggcct | ggctcacctg | ctcaatgtga | gacattcgag | 120 |
| atccctgtgg | gccaaacaga | gatttcanta | ccagcgactg | gacctggaat | acttctggat | 180 |
| ctttcagggt | ttcaggaact | ttcacccacg | gggggatgtc | tttacgggtc | atgaggggta | 240 |
| ccatcataat | tcctg | | | | | 255 |

<210> 106

<211> 465

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 106

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gactgaggac | agcatccacg | ctgaaatctg | ctttttatac | tggttccatg | acnaagtact | 60 |
| gnaagtgtg | tctccgagag | aagagttaa | gatcacctgn | tntatgtcct | gnagccoctg | 120 |
| tttcgaatgt | gcnnagcagg | tactaagggt | cctggctaca | caccacaacc | tgagcctgga | 180 |
| catnttcagc | tccgcctct | acaacatacg | ggaccanana | aaccagcana | atctttgcag | 240 |
| gctggttcag | gaaggagccc | aggtggctgc | catggaccta | tacgaattta | aaaagtgttg | 300 |
| gaagaagitt | gtggacaatg | gcggcaggcg | attcaggcct | tggaaaaaac | tgcttacaaa | 360 |

| | |
|--|-----|
| ttttagatac caggattcta agcttcagga gattctgaga ctttgctaca tcccgggtccc | 420 |
| ttccagctct tnatccactc tgtcaaatat ctgtctaaca aaagg | 465 |

<210> 107
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

| | |
|--|-----|
| <400> 107 | |
| gtggagacct gaaccaggag tatcttattt tttttctata cggaaaccct tgagaatgaa | 60 |
| gacaccggag gaatatatca ancccttgctg tgccaaggcc ccgtggaact cacanggggg | 120 |
| aagaaangga ncaaanggca ttctatcctt atttaatgat ggttnctggt tgagnctant | 180 |
| aacctgtgag tatgtgcaac atgcatcctt tagttatgac ggnctacnac ttngaatanag | 240 |
| gctntttttg gtncaaaaaca tnaaatatgn gcttttactn ctnntttttc ttttaannat | 300 |
| naaacctatt tcattacttt nctgatnaca actntttttt ccttttcattt gg | 352 |

<210> 108
 <211> 116
 <212> DNA
 <213> Mus musculus

| | |
|---|-----|
| <400> 108 | |
| gctgtctatt gatggtatgt ctgacagtgg accacagctt gattcaatgg gtagtctgac | 60 |
| catgaaatct caacttcaga tcactgtcat ctgagccaaa cttaaagaaa ataaaa | 116 |

<210> 109
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

| | |
|---|-----|
| <400> 109 | |
| tgagcctttg cttccttact ttgctggana ccagcatgct ggagtcaaca ttcaagcaga | 60 |
| ccaggactgc tgccctcttc tccagctgtg tctctctgtc tgccgagntg ctttgatcca | 120 |
| tgtggggcgt ctttgagatt ccctcctnga naggcncctc agcatgtcan cagcatcgaa | 180 |
| atcccaagtg ccggaggagg cancngcctg nntgcgagga agagcccaag ggaaaaacac | 240 |
| ttctca | 246 |

<210> 110
 <211> 216
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(216)
 <223> n = A,T,C or G

<400> 110
ggacaccctt ttgccttgga ccctgtctca acctggcaca ctgaatgcc tgcctaaagt 60
gcccttgag gttagnccaa gttctcttnt ccctagcccc agtgccacaa gttncacaca 120
ccgctactgc cagcgccagc acccctttgc tggcttcntt ttaccctatg gtcctctgat 180
caccaatcan atgctgctgt gatttttttt tttttt 216

<210> 111
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 111
ttcatagacc acctgtcctt gctactgagc ccactcanc aaagatttat tatanngtcc 60
gtacactgtc gctgncttca agacacccca naagagggca tnanatctca ttaaagggat 120

<210> 112
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 112
gtgaaacggg tacactatgg cctctctgaa gaggtttcag acgctcgtgc ccctggatca 60
caaacaaggt accttatttg aaatnattgg anagcccaag ttgcccaggt ggttccatgt 120
cgaatgcctg gaaaatccaa aaagactgta cagtgggaacc tctggntact tggnaancat 180
cgaatngnat aggatgggng agcacatnca ncancctnta tnttatnnnn nncacncngt 240
tcctgtgtgan cntgtggggn cctgatnagg ngagctaaga tttggatatt 290

<210> 113
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 113
cgaggccagc ctagtctaca tagcgagtnn ccagctctat gtttctctcc agccagaaat 60
acatcctgtc tcaaacaaat aaattgataa aaggaaaaaa a 101

<210> 114
<211> 191
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 114
 gaacccttga ttcacggaca tgccgacatg tagttgaaca tgnnnacac accngctgtg 60
 acagactgnc ngatanctga acctacatcg tcnagcggaa gatgnagcct ttctacagga 120
 cagcatggag atgcaaggca atacagagnc atagaatgtc ggccaccag gacgagggtg 180
 taccgggggc c 191

<210> 115
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 115
 gactgagggtg gcagcatgcc cggggcctcc ttgtgatgtc aggaggctgg acagccaaga 60
 aagaagaaaa tggactccct ccttctgaag acttgcttgg aagccagccc cgagtgtctg 120
 agtgcacagc gcctccaacg agaacagcta agagggtg 157

<210> 116
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 116
 actgagggtc ctgctagctc caccttgagc aactgggca gtatgggctt acagcagcaa 60
 gaggaagtgt gtgaggtcac cagccgagga gtggatgggg agaagagaga acggannctc 120
 attgngaaat acattgtntc agctgnnaaa ccggacaggn ncattgtcca ccangccang 180
 aggacaangg gancaccaat ctctatagca ggatttcaga tggccgagga tnctaaactc 240
 agtgtcta 248

<210> 117
 <211> 319
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 117
 gactgagggtg ggggtctttca tcatcatggc agcaagcaag acctcgcagt agcctgcctg 60
 ctcatccgtg aaatgagggc cgaccccggtg cctctggggg cggagtgtga gaaaagcacc 120
 ttggcgtgct cgggtctgcac agggcctgac tcatagcacg ccgcccgcga agcgcgntc 180
 gctgcagcaa acaataggca ttctgaccga aggcgccta gttggccacc aagctgtttt 240
 gatgctaaag gtgaagctag cttttgcaat gaagtcttca aatttcta taaatcttgt 300
 ttctagaacc aaaaaaaaaa 319

<210> 118
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 118
 cccctcccaag caccctgctc cctcccaggt gactctgcct agcacatgct tcagcctcca 60
 agtgactcca ctgaagccca gtgcagctgg ggtggggagt gtcaataaat gtgagcaagt 120
 gtgtgtccaa aaaaaaaaaa 139

<210> 119
 <211> 488
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 119
 gactgagatt ctgatgtatg tcagggtccca aagcaaccct agacaaatgg aagccctgga 60
 gagtgtcggc cactacaatt ctttattgga aaacactgcc ccaccgcatac ttgcagtttc 120
 tgtttaaggg atcgggcotaa aaatctatgc ccacaggaat gatctaagtc caactcaatg 180
 gactgaacag ctaagctgcc tttcttggct tcttagagga atttcaacat tctcaacagt 240
 acctatggct tcagattcag aacaactctc actctttttg gaccaagaca acttctttcc 300
 actccacaca taaccatcct tcctgncagc acttngactc cgacttggtt taggccatac 360
 atctacattt ttactattgt tttcagccat ttttaacaaa ttcttttaca tttccagtgt 420
 tataaatact gtgttttcag cttttctaag angaaagtnt cttntgggca ctttctggac 480
 ggatctaa 488

<210> 120
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 120
 actgagtttc aagagtctaa aatcaatggc ctanctgaag atttgatatg gaattgcaaa 60
 acgtancacc agtgaaatcc ganggatgtt ttctttctaaa acgaanccag cagacgagca 120
 gagtatatac tgaaattgga gagaatagct ccacgcgaag caaatcatta agcccttcat 180
 cctcaggtag agtgaaggag gaggatctta agctcctgcc tcccaagnnt gatcggattg 240
 agctatgtgc gatngtcaga gaagcaggag cagctctact cgggcctctt caacagantg 300
 aaaaagtnta tcaacaacct ggaaaaaac acagagatgt gcaangtcat ggatccaatt 360
 gagaaaatgg ccaatcacen ttactacac cgnacagntt tacacacctg agaaantggg 420
 aggaanatgn ctcagcnatg ctgaaagaac ctacgcactg ngaggccaac cnttgacctg 480
 atntttgaag acatggaagt 500

<210> 121
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 121
 gaccgagagg acagttgcta cgggtganccc ccgctcattc tttctaagga atcccattag 60
 ttnntgcaaa gaactgnatt naacttcgaaa cctaaaaaac aaccaatatc cgatatgcac 120
 gaatacttct gctatcaaga gtctagattg gataattacc agcaaggtga cgggaa 176

<210> 122
 <211> 435
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 122
 tgagcacaga agaaaagcga gcnaccagga aaggccgtcg gaaaaaggat gtggncnatg 60
 atagtgatga nagagtgtctc atggagcgac ttaagcaact gtctgtncca gccagtgatg 120
 aggaanatga ggtgcctgcc cccntacccc gaggacggaa naaggccaag ggnggaaatg 180
 tttttgaagc cctgattcag gatgacagtg aggaggagga anaggaggaa gaaanccgtg 240
 ttctcaancc cgccaagcca nagaaaantc gcatcaataa agccgnggnt gaggaacctc 300
 ntgggctcag gagtaaaang ggaanggagg aaaaatcaaa ngggaangcc aanagtaanc 360
 ctgctgntgc aaacagtga ggggaaaagg aggaggagga cncagctaan gaaaaggacc 420
 ctccctacca gggga 435

<210> 123
 <211> 284
 <212> DNA
 <213> Mus musculus

<400> 123
 gctcttgggg tcataagaag tttcctgaag tcttcatttg tcagttttga ttggtggaag 60
 gaatgaagat catgcacatc atggccatct ggagccaaag ggttacagag gggctcacta 120
 tctccctctg gcattctggc ctgagctctc cagtgcctgc aattgaaaaa tgtctaatat 180
 tgtcttttaa cagaggattg ttaacatata aactgtcttc tataatataa atgtcttcct 240
 agattgtaga aaattattaa aatttaattg taagtaaaaa aaaa 284

<210> 124
 <211> 508
 <212> DNA
 <213> Mus musculus

<400> 124
 aactgaggca agcogagtgc tgggttgcttc ccgtaatatt gcaaagtatg ctacatttga 60
 gattaagaaa tgtgaccttc atcggctaga agagggcccc ccagtcacca cagtgtcac 120
 cagagaggat ggggtcaagt actacaggat gatgcagact gtgcgcccga tggagctaaa 180
 ggcggatcag ctgtataagc agaaaatcat tcgtggtttc tgtcacttgt gtgatggtca 240
 ggaagcctgc tgcgtgggcc tggaggctgg cataaacctt acggaccacc tcatcactgc 300
 ctatcgagca catggcttca ccttcactcg gggcctgcct gtgcgagcaa ttcttgacaga 360
 gctaacaggg acgaagagga ggttggtgcta aagggaagg cgggtcaatg cacatgtacg 420
 ccaagaactt ctatggaggc aacggcatcg ttggagctca ggtgccctg ggagcaggaa 480

ttgccctggc ctgcaagtac aatggaaa

508

<210> 125

<211> 514

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(514)

<223> n = A,T,C or G

<400> 125

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ctgaggctgc | tctttggcgt | nttttgcaat | cgattaggga | tcgtttctca | gactcaagtt | 60 |
| agaagtngga | gttcagataa | gtgaggccga | cattgctgcc | ttgaagaagg | ggagaatgga | 120 |
| tttatcaggg | agtgaaaaag | aagagcttgc | taggagtcaa | agagaataat | anaaagtcca | 180 |
| gcactagggc | tccttctcct | accaaacgca | aggaccgatc | tgatgagaan | tccaaggatc | 240 |
| cgatctaang | ataaaggggc | cactaaagag | tcaagtgaga | aggatcgtgg | cagagataag | 300 |
| actcggaaga | gacncagtg | ttcaagcgga | agcagcagta | ccaggtctag | gtccagctca | 360 |
| acctccagnt | cggggctcca | gcaccagcac | aggctcaagc | agtggctcca | gctcgtcctc | 420 |
| tgcattccagc | cgctcaggaa | gctccaggca | cgtcccggag | ctccagttct | agcagctcct | 480 |
| cgggctcccc | aagcccttct | cggcgcaagg | catg | | | 514 |

<210> 126

<211> 537

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 126

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gaactgaggt | tgccatcag | agagaanttn | tagtacnaga | tncatgaggg | ggnaattgat | 60 |
| ngaattccagn | acgatggatc | cgngntcanc | ttggagtcca | tgcttctntc | canacacgac | 120 |
| tgccataaaa | ccttctntac | tcgngncaen | ggtttcanga | ccttgngnga | nttgacatnc | 180 |
| aatgacntgc | ttttacttcg | ncttanaact | ggaatgacac | tttctgggaa | tnatacaagt | 240 |
| ttggctccat | cacgtanaan | tttatattga | cagattcgaa | gatttgcaga | agtcgngctg | 300 |
| tgacccattt | ancatacaca | agnaagctag | ccatanacaa | cctgcacgnn | attgacttan | 360 |
| atgatgccac | ttttctgagc | gccaaagtgt | gaagacagct | tgtacctggt | tggaagcttt | 420 |
| gccccaaatg | taccagatc | atcaatggaa | gtgtggacgn | tgattcagat | gaccgccaga | 480 |
| gacggaaacc | cgactcanat | gtatgtatag | aggcccnttg | tgctttctac | agagaaa | 537 |

<210> 127

<211> 437

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(437)

<223> n = A,T,C or G

<400> 127

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| gactgagatg | caaattccat | ccactccttt | ccacttaaag | atattctcct | gggagatcga | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gaaatttcag | ctggaatttc | atcttatcag | ttactgaatt | atgaagatga | gtcagatggt | 120 |
| tccctctatg | gaaggcgaag | caaccatatt | gtgaatgacg | tggggattaa | tgtcactgga | 180 |
| tctgattcca | tgcagtgcaa | agcttcattt | ggtgtcgtga | ccaaacatga | ggtggaagtt | 240 |
| tcgacattac | tcaaggagat | tactgcacga | aaaattaact | ttgaccacag | tttgcaccgc | 300 |
| caatcaagga | gcangcagga | aggcgtgtgt | gtgccgtggt | catgggagag | catccgaacc | 360 |
| acaccgccag | tgctctctgt | cgntgcacgc | tgggattcgt | ggggaacccc | ttgcnngntt | 420 |
| cattttatgg | atgaaca | | | | | 437 |

<210> 128

<211> 495

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(495)

<223> n = A,T,C or G

<400> 128

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| actgaggcag | cccgagggcc | cgggctccgc | ccctaactgtg | acacagatct | gacgcatgcg | 60 |
| cagcggcgcg | cgtctgtttcc | ggnagtgtcc | tgtgtctgtt | nagtggcggc | ctccgacatc | 120 |
| cccacgctgc | ttttgctgca | ggaactctgc | agcgtggacc | ggcgtcagcc | tggcgggggc | 180 |
| caaggttccn | gtctggcgcc | gcaggatgga | gataatccgg | agcaattnta | agactaatct | 240 |
| tcacaaagng | taccaagcca | tanaggaggg | tgacttcttc | gccatnnatg | gggggttttc | 300 |
| aggattcang | aatggaccct | cagtaacatg | cattaacaag | tggtnnttga | caccccanaa | 360 |
| gagagatatc | agaagcttaa | aaagcatttc | catggacttt | ttgctgggtc | cantctggcc | 420 |
| tttgtgcttt | taagtatgac | cacacanatn | ccnagcatgg | taacgaagtc | atttaacttc | 480 |
| tatgttttcc | ccaag | | | | | 495 |

<210> 129

<211> 539

<212> DNA

<213> Mus musculus

<400> 129

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| gactgaggtg | gggtctttcc | ggccgacggc | ggccccgcag | agcccaagat | catgaaggtc | 60 |
| acggtgaaga | cgccataaaga | gaaggaggag | tttgccgtgc | ccgagaacag | ctcgtgccag | 120 |
| cagttcaaag | aggaaatctc | taaacgtttc | aaatctcata | ttgaccaact | tgtgttgata | 180 |
| tttgtctgaa | aaatttttaa | agatcaagat | actctgagtc | agcatgggat | tcatgatgga | 240 |
| cttacggttc | accttgtcat | caaaacacag | aacaggccgc | aagataattc | agctcagcaa | 300 |
| acaaatgccc | ctggaagcac | tgtgaccagc | tcaccagctc | ccgatagcaa | ccccacgctc | 360 |
| tggttctgct | gctaacagct | cctttggcgt | aggcggactt | ggaggacttg | caggtcttag | 420 |
| cagcttgggt | ttaaaccacca | ccaacttctc | tgaactccag | agccaaatgc | agcggcaact | 480 |
| tttgtctaac | cctgaaatga | tgttccagat | catggaaaat | ccctttgtcc | cagagcatg | 539 |

<210> 130

<211> 516

<212> DNA

<213> Mus musculus

<400> 130

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| tccctaagga | ggaggcgctc | aggcggaggg | ctcttgtcag | cagaaccaga | gatggcatca | 60 |
| gtagatttca | agacctatgt | ggaccaggcc | tgcagagctg | cagaggaatt | tgtcaatgtc | 120 |
| tattacaccg | actatggata | agcggcgctg | gctgctgtcc | cgctgtgata | tgggcacagc | 180 |
| cactttagta | tggaaatggaa | atgctgtttc | aggacaagaa | tccttgagtg | agttttttga | 240 |
| gatgttgcc | tccagttagt | tccaaatcag | cgtggttagac | tgcagcctg | tccatgatga | 300 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| cgctacacca | agccagacca | ccgtgcttgt | ggatcatctgt | ggaacagtga | agtttgaagg | 360 |
| caacaaacag | cgggacttca | accagaactt | catcttgact | gtcaggcgt | caccagtaa | 420 |
| cacgggtgtg | aagatagcaa | gtgactgctt | ccggttccag | gactgggcca | gctagtggg | 480 |
| gtgaccgagg | catcttaact | taagcccagc | tctgca | | | 516 |

<210> 131
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 131 | | | | | | |
| aaggccaggt | tggctacgca | cccctatggc | aaagggngga | acctgatgca | naacatcatg | 60 |
| gacaacatgc | ctatctacat | gtactcggng | tgcaacngg | tatccggcag | accaggacaa | 120 |
| ctggntccgc | accaactggg | tgtaccggga | ggagggcnag | ccgcatcttt | attgagctca | 180 |
| agttcacggg | gcanantgt | aacagcttcc | cggggggggc | cagntcctgc | aanagacct | 240 |
| taaacctcta | ctatggagga | gtcagatgtg | | | | 270 |

<210> 132
 <211> 243
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 132 | | | | | | |
| cagagctgac | tgctctgang | acaggagctn | ngcctgattn | cacnntccat | tgtctgatgt | 60 |
| ntcaganant | atnccagcgc | ccggagatgt | anccgtcctg | cnctctgtgc | ntntttatan | 120 |
| aagaaagacg | ancttattct | ttcctgnagg | ctgaacanta | ccgcgtgagg | atccattttc | 180 |
| agganntccg | ggaaagagac | gaacttgnac | acanacttat | gnccgatcac | tttcttgatg | 240 |
| atg | | | | | | 243 |

<210> 133
 <211> 473
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|-----|
| <400> 133 | | | | | | |
| gctaggatcc | cacacagact | ggctcacatt | aaatgtanga | ggacngatac | ttcacaacaa | 60 |
| caaggagcac | tttagtgant | aaagagcctg | acagtatgct | ggcgcacatg | ttcaaggaca | 120 |
| aagggtgntg | gggaaataag | caagatcata | gaggagcatt | cttaattgac | cgaagtcctg | 180 |
| agtactttga | acctattttg | aactacttac | gtcatggaca | gctcattgta | aatgatggca | 240 |
| tttaacttatt | gggtaagtat | ttcacaggca | tgggagtact | gtaagtatgg | cagtgtaggt | 300 |
| atcaggatgg | ataggtagtc | tttctggctg | agtatctttg | cttatatgtt | tcttttagccc | 360 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| acaaatTTTT | tatttggatt | ctaagnagat | ttaagttcta | tcacagggga | ctttnatagg | 420 |
| ttggtattgt | ttctttggat | taaagtactg | gttcttcact | ttaaaaaaaa | aaa | 473 |

<210> 134
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 134 | | | | | | |
| aggaacaccg | catcccttgg | gaactgacgn | tataggaaac | tgtgaacacc | tgcaagtggg | 60 |
| gctgagaacc | aaactggngc | tcnctagaaa | agcagccaag | tgagagtaat | gaccaagcat | 120 |
| tctctccagc | ctggtacttg | cttttaaatg | gaggttaact | ttgnntccgt | gtggctcctt | 180 |
| actattttaga | acttaancaa | agaaggcaca | gaatctcaca | aaatatttat | tgatttgggc | 240 |
| ttgggtcatt | tttttttaag | ccaaaaatca | gattttataa | acatggaaaa | tatatcaaaa | 300 |
| atgttttcca | ctaacatgga | agatgggaac | cattgcttta | ataaataagt | gtaacactag | 360 |
| aaaaaaaaaa | | | | | | 370 |

<210> 135
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 135 | | | | | | |
| ctccgtacct | gcctctggat | tncccaggca | ctgaccactt | tgtcatcatt | gctcagctga | 60 |
| aggaagaggt | ggccactctg | aagaagatgc | tgcatcagaa | ggatcaaatg | atcctagaga | 120 |
| aagagaagaa | gntctcgncn | ntagaccctg | ttgcnngtca | gagcctnnca | gtntgagacn | 180 |
| cctggccnaa | tgngcnnnga | tgtnactnn | ctgttaggag | nttnccatng | cactgaangc | 240 |
| naaataccnc | tngtctcnna | aacaggcagc | tgcttctgtc | aagagcaaga | agtctgagaa | 300 |
| gtcaggcacc | ataacgtctc | cgtgaagacg | tgaggaggct | cccagcacca | agcccgtgct | 360 |
| cccggntcag | ggctgctgag | ctggctgggc | tctgggaagt | gtgcttctta | caaaatctct | 420 |
| atattttctt | accttaccct | ctttgntcgg | atgcaggggc | tgaaaggaac | tcctggtctg | 480 |
| ngccctgntn | tggtctcatg | ctgagcgg | | | | 508 |

<210> 136
 <211> 341
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 136 | | | | | | |
| gactgagcgg | ccttttnaga | gagtatgaag | agagtgcgtc | tgtagggcag | ggaagatggc | 60 |
| ggacaagcgc | aaactccaag | gtgagattga | tcgctgcctc | aagaaggtgt | cccgaagggg | 120 |

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| tggagcagtt | tgaagatatt | tggcaaaaagc | tccacaatgc | agccaacgcg | aaccagaaaag | 180 |
| aaaagtatga | ggctgacctt | aagaaggaga | ttaagaagct | acaacggctg | agggaccaga | 240 |
| tcaagacatg | ggtagcatca | aatgagatca | aggacaaaag | gcagcttatt | gaaaaccgca | 300 |
| agctcattga | gacgcaaatg | gaacggtttc | aaaaaaaaaa | a | | 341 |

<210> 137

<211> 528

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(528)

<223> n = A,T,C or G

<400> 137

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tgagatacca | tgatggcccc | ctttgcatct | ctggcatctg | gcacccctctt | gttgctatca | 60 |
| ctgatagctt | ccagtaaggc | ctgtagctgt | gccccacccc | acccacagac | agccttctgc | 120 |
| aactcggacc | tggtcataag | ggctaaattc | atgggttccc | cagaaatcaa | cgagaccacc | 180 |
| ttatnccagc | gttataagat | caagacgact | aagatgctaa | naggattcaa | ggctgnggga | 240 |
| aatgcccag | atatccggna | cgcctacacc | ccagtcatgg | aaagcctntg | tgatatgcc | 300 |
| cacaagtccc | agaaccgcag | agaagagttt | ctcatcacgg | ngccgcctaa | ggaacggaaa | 360 |
| tttgacatc | agtgcctgca | gcttcttggt | tccctggcgt | actntgagcc | ctggctcaag | 420 |
| naaagaagct | ttctcaaaga | cctatatgtc | tnggctgtgg | ngtgggcaca | gtgtttccct | 480 |
| gtttatctat | cccttgcaaa | cnggnagaag | ngacactcac | tgtttttg | | 528 |

<210> 138

<211> 181

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(181)

<223> n = A,T,C or G

<400> 138

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cacacccagt | cctgtggacc | cagacaccgn | ngaggtgcta | ntgacctttg | aacctgatcc | 60 |
| cgatgatctc | gccctgtcaa | gcattccagc | ccatgagact | tttgaccctc | ggagacaccg | 120 |
| cttctcagag | gaggaactga | ttgcctcaac | caatcataga | ntaaggcaag | gaatgtccag | 180 |
| g | | | | | | 181 |

<210> 139

<211> 530

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(530)

<223> n = A,T,C or G

<400> 139

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gactgagttc | cggttcctag | caaatttact | agncgagtat | caggctgggn | anntangtta | 60 |
| ngccctgctg | ntnaagannn | ngatnacgat | ccgaggggtg | tatcntgccc | atactgnatg | 120 |
| anctaagntg | ccgagatnca | ccaactatgt | atanatattn | annentatat | atactcatag | 180 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| acacacacca | cncnctctcn | acancnnt | nccatgttng | anntgntgtg | ncgtttnnnc | 240 |
| cgngcgtgtg | attgaccang | gcgacgacgg | ggaccncttt | tatgtcatag | aacggggaac | 300 |
| ctatgacntt | ttagtaacga | aagataatca | ancacgttct | gttggtcagt | atcgacaacc | 360 |
| gtggcagntt | tggagaacta | gctctgatgt | acaatacccc | gagagctgct | accatcatcg | 420 |
| ccacctcaga | nggctccctt | tggggattgg | accgggtgac | ttttanaaca | ntcatagtga | 480 |
| aaaacaatgc | aagaagagga | agatgnttng | aatcatttat | tgaggtctgg | | 530 |

<210> 140

<211> 437

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(437)

<223> n = A,T,C or G

<400> 140

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ccagatggag | acgtgagccc | ttggtgctac | gtggccgagc | atgaggacgg | agtctactgg | 60 |
| aagtactgtg | aaattcctgc | ctgccagatg | cctggaaacc | ttgntgnta | caaggatcat | 120 |
| ggaaaccac | ctcctctcac | gggcaccagt | aaaacctcta | acaagctcac | catacaaacc | 180 |
| tgtatcagct | tctggcggag | tcanaagattc | aagtttgctg | ggatggagtc | aggctatgcc | 240 |
| tgcttctgtg | ggaacaatcc | tgactactgg | aagcacggng | aggcggccag | caccgagtgc | 300 |
| aatagtgtct | gcttcgggga | ccacacgcag | ccttgcggtg | gggacggng | gattatcctc | 360 |
| tttgacagtt | cctgctctgn | ttaagatact | gtctgnactn | ccttcaaaaa | tgaacgggna | 420 |
| tatggaactg | taaacca | | | | | 437 |

<210> 141

<211> 450

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 141

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| gactgaggac | ggagatgcta | tgnttggagg | tatgcttgng | tggccccac | cggtgntcnt | 60 |
| naccaagctt | aangntgacn | gtctangcac | cggaggntna | cancnngttn | nntcagacan | 120 |
| ctcncgtgat | agnccagaag | gcncacagact | ctnattctga | tgtactggaa | nttnaggana | 180 |
| tcctgatgaa | gtcatcttta | gtcactnag | gaagcgctaa | atcangattg | ctcncntant | 240 |
| atgtgtagaa | ntgtgcntgt | ncttaaangn | naggggcttt | ttgacatgaa | ctggagaant | 300 |
| gtaatggaaa | gtncctctaga | agaggnactc | cacgcgaagt | ttactttcna | cctnaaggtc | 360 |
| tccattntcc | tggacttaac | cagaggctca | agaggtagga | agaactctcg | cactatnctg | 420 |
| ctcccactcc | tgaagaggtt | tccagagcgc | | | | 450 |

<210> 142

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 142
ctagcgccaa ttacatcaag aagatattno acagcgnogg tatcgaggcg gacgangacc 60
ggctcancaa ggttatcann gagctgaatg gaaaaaacat tgaagacgtc attgcccagg 120
g 121

<210> 143
<211> 528
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(528)
<223> n = A,T,C or G

<400> 143
ctgagctcca gcccaggccc agtntgtgca tgcggggcag gcctgtgtgg tgaaggagga 60
taacatcagc gagcgggtct acaccatccg ggagagcgac accctgggtgc tgcagtgcct 120
ggtcacggga caccctcggc cccagggtcg gtggaccaa actgccggca gcgcaccgga 180
caagttccag gagacgtcgg tcttcaatga gactctgcgg atcgagcgca tcgcacgcac 240
gcaggggagg cgctactact gcaaggcgga gaacggagtg ggcgtgccgg ccatcaagtc 300
tatccgcgtg gacgtgcagt gtgagttatg gtctctcgag gttctggacc ctgacgggac 360
gggcccttcc aggggtccgg acccctcagg gatgagaaa ggagatagga tggagcagtg 420
gcaaggtagt gaagggctgg aaagacctct ctggaaatgg tcagctgtgt gttgcccttc 480
cgccctgtat ctccctaaac catttctgca ttttccatgt cctctcga 528

<210> 144
<211> 373
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 144
gtgagggtgtg aatgaggcag gatgaactgg acagggtctat acaccttgct cagtggcgtg 60
aatcggcact ctacagccat tggccgagta tggctgtctg tcactttcat cttcagaatc 120
atggtgctgg tgggtggctgc tgagagcgtg tggggggatg agaagtcctc tttcatctgt 180
aacaccctcc agccgggctg caacagcgtc tgctatgacc attttttncc catctccac 240
gtgcgcctat ggtccctgca gcttatcttg gtttccacc cagctctcct cgtggcaatg 300
cacngtagct naccaacagn acatagaaaa gaaaatgctn cggcttgagg ggcattggga 360
cccccttcac ctg 373

<210> 145
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 145

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actggaagac | tcagtcctag | gcccgtgggg | aaagtggcat | tgtttctgca | gcctgggcag | 60 |
| acaggaacgc | agccgtcagg | tgttgggcac | ggcaccagtc | cctgtgttca | tggaccgaga | 120 |
| gaagctggta | cagatgaggc | cgtgccggca | acaggattgc | tcattcttga | gcctgaagga | 180 |
| ctgcaactag | aggccctgag | cagagggtan | caacanacgg | gncatggnaa | tgctagncag | 240 |
| aactggctga | cagatctagn | gcaggacttt | aacatgaggg | cgcggccctt | taatcccagc | 300 |
| acttgggagg | cagagacagn | cagatctctg | gggttcnagg | gccgcttgat | ctacanaatg | 360 |
| agttcccaga | agntccagga | gcggccnagg | attnacagat | aaaccctgtc | ttgaaaaata | 420 |
| aaaaca | | | | | | 426 |

<210> 146

<211> 186

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(186)

<223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 146 | | | | | | 60 |
| ctcacgtccc | tcaagtcctc | ctcccgcata | ggccccagc | ctccgtgcaa | gcattcttaa | |
| actctttacg | cctaacngaa | caagcacagt | tttttcaacg | gtgaagaaaa | agcaccagac | 120 |
| ttgttttcct | gaagaaatcc | cccaagccgc | caaccccgtc | tgtgggacaa | acattcccca | 180 |
| gcgtgg | | | | | | 186 |

<210> 147

<211> 185

<212> DNA

<213> Mus musculus

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| <400> 147 | | | | | | 60 |
| tgagggtgacc | ccatctctgg | tgttcgcctg | gactgttgcc | acgatcggt | ctttccagtt | |
| tggctacaac | actggagtca | tcaatgtgcc | gagtatggca | ggttaactatt | ggtacccgct | 120 |
| aaaagtttta | tgacaaagtc | ttagaaataa | actggctttc | tgaaactggc | ttctaaaaaa | 180 |
| aaaaa | | | | | | 185 |

<210> 148

<211> 486

<212> DNA

<213> Mus musculus

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 148 | | | | | | 60 |
| cggactctgg | gtattttttc | gtgctgctgg | atgtgaagca | cttcttgcca | gaggaaatct | |
| ctgtcaagggt | ggttgacgac | catgtggagg | tccatgctcg | gcacgaggag | cgcccgatg | 120 |
| aacacggatt | cattgctcga | gagttccacc | gccgataccg | cctgcctcct | ggtgtggacc | 180 |
| ctgctgctgt | gacctcagca | ctgtctcctg | aggggtgctc | gtccatccag | gccacaccag | 240 |
| cgtcggccca | ggcccaactt | ccgtcaccac | ctgctgccaa | gtaggggtcc | cagctgcaca | 300 |
| ggaccgaacc | caggaagcct | ctttaggctc | tcttttaaaa | gccgatctga | ctccactgcc | 360 |
| cagccagatg | tcccaattcg | ccgtcaagac | agcctttccc | aaccacacct | agatgtcctt | 420 |
| cggagacctt | tccaccccta | agcctacctg | agccctagta | acctagacag | cctccctaag | 480 |
| ccctct | | | | | | 486 |

<210> 149

<211> 255

<212> DNA

<213> Mus musculus

<400> 149
tgaggatccg gaaaggggga gtggcttccg gcatgaagca cgtagaaaca aactcctgtg 60
atgtccagcg actgttgcaac gtcaaggga agaggaatgt gctggctgga gaggtggaaa 120
tgtcctggaa gagtttcaac agaggggatg tcttctgtct ggaccttggg aagcttatta 180
tccagtggaa tgggccagag agtaaccgca tggagagact tcgggtaacc ccatcagggc 240
acctcatttc tgcaa 255

<210> 150
<211> 541
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 150
actgagtgaag aggtaaagag caagagaaga ccttagatgt caagtccact aaagcttcag 60
tagccgnaca ttccccacaa aaaagcacta aaaatcatgc cttgctggag gctgcaggac 120
caagtcatgt ngcgatcaat gccatttctg ccaacatgga ctcttttca agnagcagga 180
cagcaacgct taagaaacag ccaagccaca tggaggctgn tcattttgga gacctaggca 240
gatcctgtct ggactatcag actcaagaga ccaaatccag nctttcaaag acccttgaaac 300
aagtcttgcg tgacactggt gtcttccat atttccttca gtttatggaa cttcggagaa 360
tggagcacct ggtgaaatgt tggtagagg ctgaaagntt tcaactctaca acgtggtccc 420
gaataagagc acacagtcta aacacagtga aacagagttc actggctgag cctgtctctc 480
catctaaaag acatgagact ccagcatctt ctgtaactga ggctnntgac aggaggttgg 540
g 541

<210> 151
<211> 550
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(550)
<223> n = A,T,C or G

<400> 151
acgaggagga agagatanng accaggactc tgctgaggaa ggcaactgcng naaagnncnn 60
ganaccgagg ncgacncang ancgntngca ggcttgagan tggggnancc tcctgcagga 120
cattcgacct ccatgcttga taagtattgg cctcttcttg accgggctcn tgcttcccaa 180
gtgtgccgna atnggaatca gnagcancag aancnnatga agctgctngt gacatactgt 240
nancnacttg agaatgtgct ctttagaaac gctgggantt atctcgnctg cccggccaag 300
ctttatggat ntaccaaagt cttncnata aaatatttct actagaacta ccatttgcta 360
agtgatgagt tgtagctcg cactgtcttc tgaaaagcat gttccgctta gaacattttg 420
cgcattgatg ttgtcagnga gaaccccgga nacaagacac actttccaca ctatncagaa 480
gagcagctgg gatgccttta atnaaaacac ttnaccctaaa aagtcaacct aagtgatgta 540
ttttttattt 550

<210> 152
<211> 222
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 152
 gactgagttt atgcaggctc ttggngaagc tgggtgctgct gctgctgtgt gattaccgcg 60
 gacagacctt gngaccgagg ccngcgctgg cagctggana tggcggacac accgtcagtg 120
 tatgaaacca gatttgaggc ggccgtnaan gtgatncaga gtttgccgaa naatggtatg 180
 tgcagtgggc tctaggtaaa agaccttttc cagctaaaaa aa 222

<210> 153
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 153
 cggtcactt tcttcctntg gccatcaanc tanggaggtc ctgnnggcna gcnatngnnc 60
 atgacatatg ctnnncognt ngngntttng antgnncgng tntggtactt gaactngana 120
 nnttcnccg ccncaaatgt taanagancc accatccng aaacattagg tnccttgatg 180
 ataactccatc ctgtatttgt tttgaaantg tacactgggtg tgagatccct tggaactgga 240
 gttacagaca attgtgagct accatgtggg tgctgggaat tgaaccagcgc tcctgtggaa 300
 gagtagacng tgctcttaac cactgagcca tcgctcnggc acctgtgtgt ctggtcttaa 360
 acttgaacag gctgccttgg aaactcgcga tgctatgggtc tgggggttaa ggtatatgcc 420
 tcagcctact ctctgaattt ttatttttac tttatttggg ttctcttttg tagttctgtc 480
 tcc 483

<210> 154
 <211> 414
 <212> DNA
 <213> Mus musculus

<400> 154
 aactgaggtg agaggcggtg gccgaagccc gagcccttgc gggagggcgg attggagcgg 60
 cgctgagcac ggcgggcaca ggcccggatg atgaggtaca ccacctccgc cacgttgagg 120
 ataatgcaga tgccggaggc tgcgagcata aagacagtga agacgggttt ctcggtgggg 180
 cggggacacc gaagcagtc actgtgtgtg ggcaggggaa ggcttcacac ttgaccagcc 240
 gcaccatggc atagccgggg tagagcagat agaagacata catgaagaca gcctcgaaca 300
 gcagccggaa caccacactg atgacatagg tccaccacag tgtccctgag atgtgcacct 360
 tgtgtctctt tacctcttcc aggtgaaggg ggtcccatg cccctcaagc cgta 414

<210> 155
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

```

<400> 155
actgagggcc gtccggcgcg ccaccactct gccaggtct ccaactaggg gagcggagaa      60
ttttcaccaa cggagccgaa cgctgacgac taccgggaac aagcgaaacc ggcacgctca      120
tcctcccgca ttagttccca gtagggaaact attttccggt acactctagg cgggtccaact      180
cttttcanaa gagcttccgg tttccacca cctacttccg ctgtcccccac ctcttttctt      240
ccggcaccgg gatatgagcc gttctcgcg gaaccgtccc tctttctaag ccggcgatcc      300
gtcaggggtga agccatgttc agctccgagc gccaaagatcg tgaagcccaa tggcgagaag      360
ccongacgag ttcgagtcg gcatctctna ggcgctgctc gagctggaga tgaactccga      420
tctcaaggcg cagctgctg aactcaacat caccgcancc aagggaatc gaagtttgg      479

```

```

<210> 156
<211> 293
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

```

```

<400> 156
gaactgagga gttccottcc ccaagaactt ccagcaggtc tgcaccaaga tcctgaccgg      60
actcttccga gtctttgtcc atgtctacat ccaccacttt gacagcatcc tcagcatggg      120
ggcggaggca catgtcaaca cctgctataa gcacttttac tacttcatcc aggagttcag      180
cctggtggac cagaggggaa tggagccact gagggagatg acagaangga tctnnnactg      240
agngcngatc tngatgctgg tgctgtcan atggaccatc tgcagacagt gta      293

```

```

<210> 157
<211> 226
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

```

```

<400> 157
gactgaggca tcagtttcaa actggaagaa aaaacggccc acagcagcct ggcactcttc      60
agaggcgaca cgggtgtcaa ananggnatn gnanngactg ganccaccn ctgtggccct      120
gaatttgag cgcttccggg agtgggcagt ggtgctctgg agacaccaca ntnaccagtg      180
gcagacacta cttggggagg aacatgtgaa gcccatccca gcattt      226

```

```

<210> 158
<211> 234
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

```

```

<400> 158
aactgaggtg cagtgagcct gccactcgcc ctactcgtg gcataccacc aaatttgggg      60
agacacagcc tgatgtcagc atgatgcaga tatctcaggg cacaatgggc cctcctntggc      120

```


| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| accagagcta | ccattccagc | tcttcgacca | gtgacctctc | caactacgac | catgcttatac | 180 |
| tgaggcggag | ccctgaccag | tgcagctccc | aggggagcat | ggaaagaaaa | aaaa | 234 |

<210> 159
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

| | |
|------------|------------|
| <400> 159 | |
| gatcaacaag | aaatgttatg |
| aaatggcctc | tcacctgcgg |
| cgttcccagt | actgacctca |
| 60 | |
| tctgtccctt | ccccccaccg |
| ttcccttttg | cttttgcacc |
| cccttctttc | catacacaca |
| 120 | |
| cataccatta | ttttttgggc |
| cattacccca | tttcccttat |
| tgctgccaaa | accacatggg |
| 180 | |
| ctgggggctg | gggctggatg |
| gacagacacc | tccccctacc |
| cataccccct | cctgtgtgtg |
| 240 | |
| tttgaaaaat | ttttgntttt |
| gggtttcatt | ttttg |
| 275 | |

<210> 160
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

| | |
|------------|------------|
| <400> 160 | |
| gaactgagga | ccctgcagga |
| atctttgagc | tggtggaggt |
| ggttggcaat | ggaacctatg |
| 60 | |
| gacaggtata | caagggggcg |
| cacgtcacga | ctggncanct |
| ggctgccatt | nnngtcatgg |
| 120 | |
| atgtcacaga | ngatgaggag |
| gaagagatca | cncnggnaan |
| caccatgttn | aagangnact |
| 180 | |
| ctnaccatcg | ncantattag |
| ccacctacta | tgngnccttt |
| atctagacga | gccct |
| 235 | |

<210> 161
 <211> 514
 <212> DNA
 <213> Mus musculus

| | |
|-------------|-------------|
| <400> 161 | |
| aactgagtga | tcagagccaa |
| agcagtgagc | gagaggaggt |
| ggattccggg | aatgacatct |
| 60 | |
| atggcaaccc | catcaagagg |
| attcagtatg | agatcaagca |
| gataaagatg | ttcaaaggac |
| 120 | |
| ctgacaaaga | catcgagttt |
| atctacacgg | ccccctcttc |
| agcagtgtgc | ggggtctcgc |
| 180 | |
| tggacgttgg | aggaaagaag |
| gagtatctaa | ttgcaggaaa |
| ggcagaagga | gatggcaaga |
| 240 | |
| tgcacattac | cctctgtgac |
| ttcattgtgc | cctgggacac |
| gcttagcatc | accagaaga |
| 300 | |
| agagcctgaa | ccacagggtac |
| cagatgggct | gtgagtgcaa |
| gatcactcgc | tgtcccatga |
| 360 | |
| tcccttgcta | catctoctcc |
| ccggatgagt | gcctctggat |
| ggactggggtc | acagagaaga |
| 420 | |
| gcatcaatgg | gcaccaggcc |
| aagttcttcg | cctgcatcaa |
| gagaagtgat | ggttcttgcg |
| 480 | |
| cgtgggtaccg | cggggcggca |
| cccccaagc | aaga |
| 514 | |

<210> 162
 <211> 502
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(502)
<223> n = A,T,C or G

<400> 162
ctgagccttt ctgaagggcg ctgagtgaca agcagagaga ggaacattac ttctgcaagg      60
atttcattaa gctgaagaag atccccacgt ggaaggagac agcaaaaggg ctggctgtga      120
aggtggagga cccaagtat aagaaggaca agcaacttga atgatgaaaa tctccctgta      180
ccgtggggac atcaccaagc tggaggtgga tgccattgtc aacgctgcca acannttcct      240
ggngggaggc ggaggggtag gacggctgna ttcacagagn ccgcgggac cctgctcacg      300
gacgaatgcc cgcaccctac agaaactgcn aagaccgggc aaagtccaag atcactttgc      360
gggctattcg gcttgncagn gcaagtntgt nattccnncg cgggtggggn gcccatccgc      420
cgtngggccc aaccnctng nncaagncaa gggcnggnca gagctncccg nagcttgctt      480
actttgaggc aagcgcttgg ac                                     502

```

```

<210> 163
<211> 479
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

```

```

<400> 163
gaactgagga gtctcnatth atggatcgta agctgngnaa nnnacatagn ataacatccc      60
ntcagtacag tggacaggga ctgctnnnaa gccacancta ccnataagggn ngcatatngc      120
tacagagccn tagnagttct ccggtagctt tgtganaggc acatgaagca tcttcatctg      180
tgggcggagg agtaggagtg atctacagag tgaanaaagt cactcggtgc taggcgctgg      240
naagtngggg ngtggaaaagg ctctgggtca cagcacgtgc atcctgggca ctggaggcag      300
ctgtgcttca tgtggtatcc cagcctttca agtgtgacag aagcctcatg acaagagggtg      360
ccacagctga ctgctaagcc cagaggctga gaaactatgc ttcctaaaac ccagagctca      420
tgcgaggaat tnanthtcca cctcacagaa aacaagtata aatagtggca caactactg      479

```

```

<210> 164
<211> 405
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

```

```

<400> 164
gaactgaggc ggattcgaaa gcttcagcag ctcccctatg gcggagcagg cggctacacg      60
cagtcccccg gtggcttcgg gtcgcccaca ccgtcgcagg cggagaagaa atcgagagtc      120
cgagcccagc atattgtgoc ctgtaccata tcccagctgc tttctgctac tctgactgat      180
gaagtgttca gaattggaga tgtcgagatt tcacaggtca ctattgtggg gataatcaga      240
cntgcggaga aggtccaac caacattgtt tacaagatag acgatatgac agctccgccc      300
atggatgttc gtcagngggt tgacacggat gatgccagtg gtgagaacgc cgtggttcct      360
cccgaacat acgtgaaagt cgctggtcac ctcaggctct tccag                                     405

```

```

<210> 165

```

<211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 165
 tctaataatgatg atgctctttca gtatgtntga agaattaatt ttgcnnttac tanntatget 60
 atgccaagct cagccccgga gtgcttcaga tgtggaggaa cgngntcana nnagttttcc 120
 tcatccaatt gatnaggggg caatagctga tgcccaatca gccnttgaaa agaggaagag 180
 acanaaatcc tttatcgctg ccagcngaaa gaattcatca tttattaagg gaggtcctcg 240
 gttataaaat tgaccaccag gnttctgntt acatagtagc agtattagaa tacatttctg 300
 cagatatttt aaagctcgtg gggaattatg taagaaatat acggcattat gaaattacaa 360
 aacaagacat taaagtggca atgngtgct gataagggat tgatggatat g 411

<210> 166
 <211> 396
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 166
 catcttgga cacagcaatc ttaanccac tgaatggatg ggaacagctg gcanagcgtt 60
 tctaggacct ccacctntgn tnggcancct ctcctttgtg cctctctcca agttcatgaa 120
 caccangta ttttggaact attggttngg gaacgcctcc tcagaatttc accngagtc 180
 tttgacacgg gttcttccaa cttgtgggtt ctgtccaggg ggnggacntt tcttcagttt 240
 ggcattgctg tttcaccatc cgctttaatc ccaaggccnc caacntcttn aggcccaatg 300
 gggaccaagt ttgccattca gtatgggacc ngggcggnn gaagcggaat cctganccca 360
 gggcaatctt gactatcggg agggagtcca cagatg 396

<210> 167
 <211> 509
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 167
 cattagcaga ggggactnca tgtatntctg tnatacnngc ccgtcanaca tgagaatgac 60
 ngctgggtggn nctcaaagnc agacacttgn cnaagatgga tatcacnagg tctntcaggt 120
 nntccttatn tcaaggagaa cgtctactac tggcagaaaa ctgcattgcc aagaagaaaa 180
 cccatgtaaa gaagtgcact ttgaaccccg tcttcaatga gntgttcatt ggnggaggtc 240
 cccaccgacc ttctgcctga tatcagcatc gagttccttg tcattgactt cgatcgact 300
 actaagaatg aggtggtagg gaggtgatc ttggggggcac acagtgtcac aaccagtggg 360
 gcggaacact tggagagagg tctgcgagag tccccgcaa gcccatagcc aagnggcaca 420
 gnctgagcga gtactaacc tggggccagg nggggagcgn catggngggg agaggtgaca 480

ganaanctga ctnaaaacct atgcctgac

509

<210> 168

<211> 504

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(504)

<223> n = A,T,C or G

<400> 168

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| actgagctgt | ttgaagccct | atgcaaagct | cacgggtaat | gacccacttg | gagaatggga | 60 |
| aagctttata | aagtgggtag | aagagaat | tcctgacaat | aaagaatact | tgatgacatt | 120 |
| atnaaaaaca | ttnanngagg | ggnnttttta | cctaagaaga | actaccacaa | tgattcaaga | 180 |
| ttcatcaatt | attgcttaaa | atttgctgag | tacaacagcg | accgtcatca | gtttttngag | 240 |
| tttctgtaca | accaggggaat | tggaaccaag | tcatcatata | tatacatgtc | ctgggcaggg | 300 |
| catctggaag | cccaggggaga | gctgcagcat | gccagtgtca | tttttcagac | aggaattcac | 360 |
| aatggaggct | gaacctanag | aactactaca | gcaacaatac | aggctattcc | aagcacgcct | 420 |
| tactgggaat | ccatttgcca | gctcaageta | caacctcag | aacctttgca | tagtgcacag | 480 |
| attttaaacc | aaggttatga | tgac | | | | 504 |

<210> 169

<211> 307

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 169

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gactgaggaa | gttctccagc | agctgatcgt | aatgaatttg | cccaatgtct | tnatgatnng | 60 |
| aaagaccogn | tnnctgggaa | gagnanggag | gncattacaa | nanctntgnt | gttcangcnt | 120 |
| cctntgccac | ctccggggac | ggactctatg | aggggctcac | atgggttaacc | tctaactaca | 180 |
| aatcctaata | agcgtcctcc | acccagcccc | cggaaggaga | gaaatncana | acccangggg | 240 |
| gaggattatc | gccacctcca | tcacctcttt | gaattgccac | tctctttttt | gaatctgaac | 300 |
| tctggag | | | | | | 307 |

<210> 170

<211> 222

<212> DNA

<213> Mus musculus

<400> 170

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agcacatagc | cacagcactg | aacctgacag | aggtccaggg | cccaccctca | tgtgccagag | 60 |
| taggtcaatg | ctcccctgca | gccttgctac | gtcctaagaa | ttttccagtt | cctgatgtga | 120 |
| ctccagacta | catctctaca | tttaggacca | gcagcctgca | gtaacagtgg | gacagcaggc | 180 |
| cttggaaca | gatgttttcc | gattttctga | acctactggc | cc | | 222 |

<210> 171

<211> 298

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 171
 aattattgtt gaggcgggtcc aggacotnac gcagctttgt tgnntagacc ggngggccana 60
 acctggctgt acttcccata cttcacatcc ttctgtctgt ncaagaacca gtctgggata 120
 ttgtactgtc gtgggtttctg catgatggtg atcactcgct ccacctcata cttgcgtgag 180
 ttctccagcc ctcttggtga ggtcgtatgtc tgctttcctc aacaccacat gagcataatnt 240
 ccgccccacg cccttaatgg cagngatggn gaaggctatt ttccgccgcc catcgatg 298

<210> 172
 <211> 394
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 172
 gaactgaggg ctgtctctag acctggggga cgcaccccag ttccaacacc tgctgtcctg 60
 ggtggatgat gaaccagtct cagagaatgg caccggtggg ctctgacaag gaactgagtg 120
 acctcctgga cttcagcatg atgttcccag tnnccaagcn caaangttaa cttcctctcc 180
 ngttaaccca gaactgggaa acaaagcagc atgtctcctt ttcaaaaagg aaagaatnnt 240
 ttnttangnn tgtaagacgg aagagncgga ccgtgccctg gcagggcggc ctgggactgg 300
 cttctacttc agagccacca gcacatngtg cctaagcatt ttctgttttt tttaaaggag 360
 aataanggaa cattagnttt cagaaaaaga aaaa 394

<210> 173
 <211> 134
 <212> DNA
 <213> Mus musculus

<400> 173
 aactgaggac tgggtggaacg aggtggtgtc atgattgagc cgctccccaa ggaagtgaag 60
 gtttatctcc tgactacatc cagtgcctccg tactgtgtgc accacagcct tgtggagttt 120
 tatttgaagg agaa 134

<210> 174
 <211> 480
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(480)
 <223> n = A,T,C or G

<400> 174
 gctgcgtccg gctgaggtct ggacatccag gcangetctg ccggacttgt nccagaaaat 60
 gctagtctact ganctggaat acgctttaga caagaaagta gancaggatc tctggaatca 120
 tgcctttang aatcagatca caacactgca aggccaagcc aagaatctga gcaaaccan 180
 atcagaattn nagtccaggc aaacctttct ctgttcctag aggcagntag cggcttctat 240

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actcagnnac | atcctggtgn | gatctacaaa | ttgaatcccg | ngntcatgga | actttttant | 300 |
| agcntgatat | cttggnacaa | attggctatt | tcaggcttgg | agagaanggc | ttaacnttnn | 360 |
| agagcactan | aactctatat | agcaactctc | aaagggccta | tanntcccc | ttcccagaga | 420 |
| atntgatgcn | ctngttactg | actaacanng | gggcttgnc | caccacttgg | gagttggtgt | 480 |

<210> 175

<211> 433

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(433)

<223> n = A,T,C or G

<400> 175

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| aactgagatt | tgagaaaaat | gggtagtgat | gttggaac | agagatcaga | tccagaagaa | 60 |
| accctcgccc | tggagattag | acatngactt | cgcagcagca | gaacaaggaa | ccgggacaca | 120 |
| gagctgggtc | ccaggttcac | cggccccctg | acccggaaca | gcagcgggtt | tctgcactac | 180 |
| gctggcagcc | cacgtgctag | caacagcggc | cacgtggggc | cttgaggaaa | cnccttcgca | 240 |
| aaggtttctg | tttgagaca | ggcccttttg | gtgggtgcat | gaatctgggt | actccacca | 300 |
| nactccaatc | cagattcacc | antcccttc | ttcttgagag | actggtccag | gcagccctc | 360 |
| cggccactgc | atgatcacag | gcgcagctct | ttggcctgna | atgaacngcca | tttcttctca | 420 |
| ggtggcttct | cgg | | | | | 433 |

<210> 176

<211> 412

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 176

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gaactgagcg | tggacaacaa | tagagaacta | caactcccaa | aaaagactgc | gctcgccact | 60 |
| ggctcagaaa | ccaatggccg | nctggcacgn | gatcggttgg | tctaatacagc | gactgggttg | 120 |
| gtaggctttg | tctaagacc | ggggcgcccg | cctatctccc | gccccggcc | gcgcgaacgc | 180 |
| gagccccgcc | ctgcgcgcct | tccctcctgc | gctcgccggc | ctctcctgcc | tcttagaacc | 240 |
| ttcctgcggg | cgtgcttgca | tctcgtgct | gcagcctccc | gggctccggg | ccatcctttc | 300 |
| agtctgagac | cggcccagaa | gaaaaaaacc | caaaaaacct | taattttntt | tnttggtcgg | 360 |
| tacctacatt | ggaaccatca | aaaacaatta | tttcagtaaa | ccgtagccat | ga | 412 |

<210> 177

<211> 335

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(335)

<223> n = A,T,C or G

<400> 177

| | | | | | | |
|------------|------------|------------|------------|------------|------------|----|
| agacagacgg | ttggaaaaaa | actgaagatc | acacaaaaag | agagcaggaa | atccaaatct | 60 |
|------------|------------|------------|------------|------------|------------|----|

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| cccccccttc | ccactgtgat | tgncatgttg | acaagggctg | tcccaagtca | atagaaaggg | 120 |
| aaaggggtggg | gactagggga | ggattagggg | agcctaccaa | ggactcanag | tagaagggtca | 180 |
| gacagtgccca | cttggccact | tgggggtaaag | ccagtgccag | caataacagn | ttatcatgct | 240 |
| cattaatttg | ggatttcaaa | ccacaaatga | gaacttcccc | acccacccca | agtgcattgtc | 300 |
| gccatcactt | aaaagtcca | ttgaaaataa | aaaaa | | | 335 |

<210> 178
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

| | |
|-------------|------------|
| <400> 178 | |
| gactgagatg | gactgctgaa |
| ttatgaagta | tttcagaccc |
| agtccttagat | catcactccg |
| ccactctctc | ctttattgcc |
| tactagatat | ttaaantgga |
| cttttaatat | cctaccagct |
| gctnttnnga | cacnaanggc |
| gcattgntgc | canaccangg |
| caataagcgt | ttttgaga |
| | 60 |
| | 120 |
| | 178 |

<210> 179
 <211> 384
 <212> DNA
 <213> Mus musculus

| | |
|-------------|-------------|
| <400> 179 | |
| gactgaggta | aaaggatgcc |
| cgaaggaagt | aaaaaaatta |
| aagaggcctc | tgaaagccag |
| aacttggaga | agaaggatct |
| ggaaacaagc | agtttgtgtca |
| gtataaagaa | gaagcgtaga |
| cttgaggact | tactcatagt |
| gatatccgat | agcgatggag |
| aggaaacaaa | agaggagaat |
| ggattgcaga | aaacgaagac |
| aaaacagtcg | aacagatcaa |
| agtgtttggc | taaaagaaaa |
| gttgacacaca | tgtcagaaga |
| agaacaatth | gctttggctc |
| tcaagatgag | tgagcaggaa |
| gctagggagg | tgaataacca |
| ggaggagaaa | gaagaggagc |
| tcttgcgga | agccattgct |
| gaaagcctga | atgtaaatat |
| gctg | |
| | 60 |
| | 120 |
| | 180 |
| | 240 |
| | 300 |
| | 360 |
| | 384 |

<210> 180
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

| | |
|------------|------------|
| <400> 180 | |
| ggaagacatc | atgctgtggn |
| cattgacctg | nnccactgcc |
| cggactgngc | agctctacac |
| ggatcttntc | taatgaanaa |
| gagganganc | tggcacaggc |
| atgactacac | acnaagtgga |
| tgatggctcc | aaacctgata |
| aagctggaac | tagggccttt |
| aaaaaa | |
| | 60 |
| | 120 |
| | 166 |

<210> 181
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 181
 ttgacaagaa cgtggacaga ncaganaaat actccaatgg cagacatttc acaaggcaat 60
 ttgctcgaca gcaggctgat aaaaaagaag agtgcaaaga agacaaagtt attccagtta 120
 ttgctcatt gaggaataga aacattgctc caactgcaga acatttgcac gaacaaagtg 180
 gagatgttga agttccgaag aagttgcagg attagaagtc gntacagnac catgaaccag 240
 ttg 244

<210> 182
 <211> 496
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 182
 ttttctgaga cctggcanga gcttttcttg tagangccgg nntnaanctc ngcacctgta 60
 ctccacggcc tncntnnnng gncnnttgt nncanatatg gataccgatg ccccagaaga 120
 ggaggaggac gaagctgaca tggaagtgtc caaaatgcag acccgaaggc tgttggtaca 180
 gtgggctgga gcagaccca gcatccagtg ttggggacct tgagagctnn ttnactgggt 240
 ccatgatcaa tggctggggc tcagcctcgg aagaggacaa catttccagt gggcgctcca 300
 gtgtcagttc atccgatggc tcctttttca ctgacgtga ttttgcccag gcagttgctg 360
 cagctgcgga gtatgcgggc ctgaaagtgg ctgcgcgcca aatgcaagat gctgctggcc 420
 gccgccactt ccatgcctct cagtgcocaa ggcccacgag tcctgtgtcc acagacagca 480
 acattgagtg ctgttg 496

<210> 183
 <211> 330
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 183
 gccaatcaac tgaaacatga cacacctgca cagttggaaa atggaggatg aagaaccgat 60
 tngngtgn ccaccancat gactggaggt gtctactana nagggagcct gctacattta 120
 ctccnagaaa tttgttatan accaagaata caattctcaa ttaagaaagc caccaatttg 180
 ggtcccncca catcctgact acctacagta taggnnttct ctcttctttc atttccctg 240
 tocccatttt ntatttgn cataaagtan ctgggtgtaa tgngcncact tnntagngct 300
 ctctcttttc ttttcctttt ttaaactaaa 330

<210> 184
 <211> 489
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(489)
 <223> n = A,T,C or G

<400> 184
 tctccaggac atgctacncc atntggctca gggcgnggta gagaaaaaag aatgncnaat 60
 gagttggaaa gntatnttaa gccttnantg ctngnagacc cttgggctgg cctagaacca 120
 gngtctgtag tggatataat gccaacagtn cagcaatacc gctaccattc acaggcaaca 180
 aaaggaagat acttttctta atatttctga aattcaccng gaagcttcat gtgtcaggaa 240
 catcctggac agaactttta cttgnntaaa aaanntgnac ccaaggatga tgactttgaa 300
 taatgantag canaccttng gtatatctcc anctttatca agtgtggata acagnggaaa 360
 tgataggacn atttacagta ttttagctatc tgggagttgt gtatcataga ancncagntg 420
 ncatantnga catttccant ataacagaca ttnncttttt tcaatgcttt aaaataaaga 480
 cgtttttttg 489

<210> 185
 <211> 477
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 185
 tctgcacatt gccaaaggagc atgcaggagn gctttctcct tctatgatgg ggtactccac 60
 catgagtant ggccgccttc ctcatatact nacgaagcta tcntacttgc tcntatnca 120
 tataacgtac acagnattan ncnacntgct gncgnncagc ccttttcccc aaatcaaaga 180
 tataatnaggc attttacctc gagaggtott ctctccctgg caacagcagg ataactgagg 240
 gctttcttta aaagnggatc caggaggatg gattatttgc ggaacaaaag agattgcaact 300
 ccaatgcaca gaagcttctt nagtgcgctg agccctcctg cccaggactg gagctcccca 360
 aaactgggtct caggcaaact tcctgagctg gaccggtttc tccagcattt tgccatcggc 420
 agcattgntc aggagcctgt gatgcgagcc catcttgggg gctgctgccc caagcca 477

<210> 186
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 186
 cagcctgcag tcgggtggtcc ggggtgcaga ggaagtcaag caaaagtttc aaagattatn 60
 ttnttatatat cngaangctg gaatcctgcc taatccacaa ttcancctca aggcattttt 120
 ctgcggcatc ttttcangaa atgtgattca tangnncacc acagcgggaag gaattttgac 180
 ccagaatgac tcggtcactg ccgacgggtt gcaggagggtg ttngaaacca atctctttgg 240
 ccactttatt ctgattcggg aactggaacc acttctctgc catgtggata acccctctca 300
 gctcatctgg acttctctc gcaatgcaaa gaaggctaac ttcagcctgg gggtc 355

<210> 187
 <211> 470
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(470)

<223> n = A,T,C or G

<400> 187

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gactgagatc | ctggcctgag | gttggatgcc | tcattcttgc | aaaaagacac | tggaacctaaa | 60 |
| tgggcgagca | tgactttgtt | cctgcttggc | taaatttctc | aacgccacag | tcattctaagt | 120 |
| catctacagc | cacctttgac | aaacacggag | agcacctatc | ccgtggagaa | ggtagatttg | 180 |
| gaataagccg | tcgtcgacat | aattcctctg | atggcttttt | taacaatgga | cctctacgga | 240 |
| ctacgggaga | ttcttggcac | caacctncc | tattccgcc | tgattctgnt | gactctggtg | 300 |
| nctctaagg | agcatatgct | ggaaccacag | gttggcatgg | ctcttccoga | ggtcatgatg | 360 |
| gtatgagcca | acgtagtgg | ggnagtagta | caggaaacca | ccgacactgg | aatggcagct | 420 |
| tccattccc | gaaaggctgn | gcctttcaag | aaaaaacacc | aactgagatt | | 470 |

<210> 188

<211> 315

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 188

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| tgaccctgat | ctggcaccac | tcagggtctc | ctatgatgcc | gcgtcctgca | gatacctctg | 60 |
| gaacactggc | tacttcttcc | aggtggagtt | tgacgattcc | tgtgaggatt | caggactcac | 120 |
| tgaaaccaac | tgggagtcac | tatgagactc | aaaactcaaa | atgtcctntg | cctcagnctc | 180 |
| ctgagacctg | ggatggcagg | tgtgtgccac | caggcctggc | tnttgatgca | cgatttttct | 240 |
| gaagacgtgt | ntgccaatgn | ccttacagaa | aggtcctgcc | ctggggagaag | cagtgnctgt | 300 |
| ttcaggtgct | gtgtc | | | | | 315 |

<210> 189

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 189

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gggcgagacag | gaaaacccgg | acgccgagga | caagangnct | ccgccttccc | cacgggacgg | 60 |
| acggacggac | ggactccaca | agcgtccacc | ggtcactgcc | gccgcccaca | gagacgtcgc | 120 |
| ccacgagagc | acacacgtag | acgcggacgc | cgtgnttttn | nagnctnngc | catccccacg | 180 |
| ggacggangg | acggacggan | tnnacaagg | gcgcgtgtca | ccgaggccgc | cagganggag | 240 |
| ccactctcac | gattctcaac | agggccngac | cgngnacaga | aatgtccccc | tcaataaaac | 300 |
| c | | | | | | 301 |

<210> 190

<211> 302

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(302)

<223> n = A,T,C or G

<400> 190

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| taaggagcta | catggatgga | cgggtggaca | gaggacagat | gtgcgagcca | atggtttgg | 60 |
| ggagtctcga | gcagacacag | gaactgggtg | ccaacgggga | agcgtgttc | ctgggccacc | 120 |
| tccctcactg | agattcttct | ctaagtggaa | aaagataaga | ttctcatctt | ttacacagaa | 180 |
| gagccacaga | gaacaaagca | agaaaccagt | gtctggagcc | gagcaggaac | aggccaaggg | 240 |
| catggnctct | ctcaaacaca | cacattttaa | tacattcaat | ctgatgggga | tgaaaaaaaa | 300 |
| aa | | | | | | 302 |

<210> 191

<211> 179

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 191

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cttgccatga | ggtgttgaag | ccttgtttca | ctgagttgga | gagactggac | ctaaatggnn | 60 |
| nnnnatgact | ttgtctcagc | ctggcttaat | tttctactc | ctccatcatc | aacaaagtca | 120 |
| tcattgaatt | ttgagaanca | ctctgaaaat | tttcatgga | cagaaaatcg | ttgtgaagg | 179 |

<210> 192

<211> 528

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(528)

<223> n = A,T,C or G

<400> 192

| | | | | | | |
|------------|------------|------------|-------------|-------------|------------|-----|
| actgaggctc | tgtggctacc | caccctttta | tgatgaaaat | gatgccaaac | agctttgaac | 60 |
| agattttgaa | ggcagagtat | gagtttgact | ctccttattg | ggacgacatc | tctgactctg | 120 |
| ccaaagattt | nnannnnnnn | antgnagnnn | nnagaccggg | agaagagggt | tacctgtgag | 180 |
| caggccttgc | agcaccatg | gattgcagga | gatacagctc | tgataagaa | tatccaccag | 240 |
| tcagtgaagc | agcagatcaa | gaagaacttt | gccaaagagc | agtggaagca | agctttcaat | 300 |
| gccactgctg | tggttcggca | catgaggaag | cttgacagctg | ggaaccagtc | aggaggggca | 360 |
| ggggcagact | ggcagccacg | gggagctgct | gacaccaaca | gctggtgggc | cagcagctgg | 420 |
| ctgctgctgc | cgagaactgc | tgngnggaac | caggctcnga | ctgnccccctg | caccaccccc | 480 |
| aagcctctag | ggcccatag | aatttgaaca | tcaaaggaag | gtccaggt | | 528 |

<210> 193

<211> 331

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 193
 actgagaagc gggccctgga tgcagccatc atccttgggg gtggaggact tctcttcacc 60
 tcttacctga cagccacggg ggacgaccat ttctacgccg agnacctgat gccgnntctg 120
 nagagactgn ttgatccnga gtcggcgcac cggntagctg ttcgagncat ttncctgggg 180
 ctcttctctc aagctacgtt acaggactcc aacatgctgg aagtganaga tcnggcncgn 240
 agntncagnn gtccanacag ggantgctgn acganaannc aaggancgan caagctganc 300
 aacaggtctc tgtaggggag ggctctgcgc t 331

<210> 194
 <211> 499
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 194
 tccagcgttc ctgttgnagt atcttgttct tcagccatcg acaggacagt aacatcttta 60
 ggtccactgt ggggaatgca atcatcttgg tcaattagtt catctaagtn aagccatcct 120
 ctggaagtgc agatacaaga agaattgagt tggaactcaa agactgatcc ttctgtggct 180
 tgattttgga atgaaagaaa attaaaaaga aagaacataa gccataagct gaccgatagg 240
 acttcggact tcttctaagg agattccgac tacnatatgg agaacgggac ctggatctgg 300
 acctggatct ggatctatat ttagaaatga aacggtggca aattcttgga cttcgactcc 360
 ttggtctata gatataacgg actggacttc gagagcgacg gattctgtga cctgagcttg 420
 atctoctaga atgtctgggg ctgggggaat gagaacgtct tcttggagtt tcattttctt 480
 tcctattgct ctcatctcg 499

<210> 195
 <211> 469
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(469)
 <223> n = A,T,C or G

<400> 195
 tgaggccccg gatgccaggc cctgcgggta gaggggggtcc accatccctg acggtgaact 60
 tgggcgagga ggcccgcctc acctgtgaaa acaatggcag gaaccctaata atcacatggg 120
 ggttcagcct tcagtctaac atcacatggc cccagtgcc actgggtcct ggccagggta 180
 ccacaggcca gctgttcttc cccgaagtaa acaagaacca caggggcttg tactggtgcc 240
 aagtgataga aaacaacata ttaaaacgct cctgtggtac ttacctccgc gtgcgcaatc 300
 cagtcacctag gcccttctctg gacatgnggg aaggtaccaa ganccgcac atcacangag 360
 aagggatcat tttgcttgtt nttgtgcaat tggtgccagg gacgctgctg ctattnagga 420
 aacgngnca aatgagaag tttggggtgn acatgccaaa tgactatga 469

<210> 196
 <211> 524

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 196
gactgagaca tctggtgaca aaggaatctc cgccttccct gagtcagaca acctgttcaa 60
gtgggtgggg accatccacg gagcagccgg caccgtatat gaagacctga ggtacaaact 120
ctccctagag ttccccagcg gctaccctta caacgcaccc acagtgaagt tcctcacacc 180
ctgctaccac cccaacgtgg acaccaggg caacatctgc ctggacatcc tcaaggataa 240
gtggtctgca ctatatgatg tcaggactat cttgctctct atccagagcc tgctaggaga 300
accaacatc gatagccctt tgaacacaca cgctgcggaa ctctggaaaa accccacagc 360
atttaagaaa tacctgcaag aaacctattc aaagcaggtc tccagccaag atccctgatg 420
caagctggcc gccctgcccc tcttttgtgt tgnctttttt cttagactat ctgtcctttc 480
tccttgattt ctaaaactatg ttattttttg gtttggttcg gttt 524

<210> 197
<211> 218
<212> DNA
<213> Mus musculus

<400> 197
gactgaggtg agaagtctgg gaaggagcta gaggaggtga agctgcagaa caccagcaag 60
cagattgtcc agaatgccat cctgcaagcc atgcggcaag tctcccagga gagcctgcgg 120
agggaaggca gacccggtga cagcagggcc tggggccagc tgggagggcg cgagctgacc 180
aagaaacatg aaaagaagta accgggtaaa aaaaaaaa 218

<210> 198
<211> 381
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 198
tgagctttct aactgccaa gtatggttac aagttgtgcc tgcgcttgta cctgaacggg 60
gatggctcag gcaagaagac ccacctgtcc ctcttcacgc tgatcatgag aggagaatac 120
gatgctctcc tgccctggcc ttccaggaac aaggctacct ttatgctact tgaccagaac 180
aaccgagagc atgctattga tgccttccgg cctgacctga gctcagcctc cttccagcgg 240
ccacagagtg agaccaacgt ggccagcggc tgcccgcctc tcttccccct cagcaagctg 300
cagtcaccca agcacgccta cgtcaaagat gacacaatgt tcctcaaagt cantgtggac 360
actagtgcta gggatggggg a 381

<210> 199
<211> 451
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(451)
 <223> n = A,T,C or G

<400> 199
 tgtggagaag gactgctcca tnaccaagnt cntgaaccgn atccttggnc tggnggtgca 60
 cangcagaac gccctgttcc aatacttctc cgacaccttc gaccacctca tcgagatccg 120
 acaagaagga ggnongatnc gacatggcca tcctagacct ggcccctggc ntcaacatan 180
 atacatgaacn aaagccagna ggggtnnng gcacctggnc acccacagga tgggcaagtg 240
 gtcttctaca agattagcgt ggaccgcggt atgaagtggg aagaggcatt aactaggtcg 300
 ctggagctca aaggctcccta tgatggcttc tacctctcct acaaggtagc aggcagcaaa 360
 atgagctgcc tcctggcaga acagaatcgc ggcgagtatt tcaccgtgta caagccaaac 420
 atcggcagac agagccagct tggagaccct g 451

<210> 200
 <211> 470
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 200
 gaggtgtgag caggcattac tgagctggct gatccatcat ggcggagaaa gtgaacaact 60
 tcccaccata tgcccaaatn catcccactg atagccatgt ttctaccaag acttcgaggc 120
 agacatccct cctcagcatc tcagcttgac caagcngcct ctactacctc tggatgtgac 180
 aganagttcc tttagcttca tggcatttct cttcaccttc atggctnagc tggatcatcag 240
 catcatccag gctgtggaaa ttccaggctg gggagtctgn ggctggattg ccaccatttc 300
 cttnttcagg acaaacatcg gctcagcagt ggagatgctc attcccacgg tcatgtacac 360
 agttgnggcc gtcttttcct tcaatgctct aagcatgggt tcataagatt ctaccggagt 420
 agccggaggc agtttaacaa ggnntcagga ggaatgagac cactggagca 470

<210> 201
 <211> 477
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 201
 tctgaggctg accctgcacc tggctcctac cccacacaga gttgccaccc tcactctgact 60
 ccaagttatc ctgtcaccca gatgcagcat gccagtggcc agaaactggc ctccctggcct 120
 cctggccaca tgcccagcct acctccatac cagcctgcgt ncggcctgtg ctatgtgcan 180
 aaccactttg gtcttaaccc caangcctcc agtgtgtacc nagnttntgn agggacctcc 240
 naggggttac agactccctc ccctatcaan ngtnctgnca ctggagtatt caggggccct 300
 ggaaccccaa gggctacagg ntccaaggag tcttccaagg tagccatgcc ctaaccagnc 360
 tgcaaaggcg gnttccacct tgttggacag aggaaggttc tgagaatgta ngaattatct 420
 attgaagcca aggcattgcc gctgncatt ccagctgctt ggggggtaag gccaaaa 477

<210> 202
 <211> 138
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(138)

<223> n = A,T,C or G

<400> 202

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| atacttgaat | ggacatatta | agcaggtgca | cacttctgag | ctgaccttac | aagtgtcagg | 60 |
| cgtggtcttg | ggagcagnag | cgggctgnch | cccgtggaac | ctcttcctag | cgacctgcca | 120 |
| tcattgggatt | ttgcccag | | | | | 138 |

<210> 203

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 203

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| tctgaggcag | aagacttta | ccaagggcgg | tgagcagatg | tgtgagatct | tctattctag | 60 |
| aagtggacgt | atatcccagt | tctcagagcc | ccgtattcga | gccccgtggg | atccggaggc | 120 |
| tgccaaccag | ctccagcatg | cagaacagtc | acagcggagt | gaatcagctt | ggtgggtgtct | 180 |
| ttgtcaacgg | gcggccactg | ccggactcca | cccggcagaa | gatcgtanag | ctagctcaca | 240 |
| gcggggcccc | gccgtgcgac | atttcccga | ttctgcaggt | gnnctnanta | tgcatagnnt | 300 |
| nttggntgct | ggctagcgan | aagcaacaga | tgggctcaga | ctgcntgtat | gatanantaa | 360 |
| ggatgttgat | cgngcatacc | ggaagctggn | tgcacacgcc | ctggttgana | tcccnggact | 420 |
| tengnatcag | ggcaacnnac | gnnagggttaa | agtttatgca | gcccacott | | 469 |

<210> 204

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 204

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| ctcagtagta | tctcatgaca | gtaagctgtg | accttcttgn | ctaaccatga | tgacagccgg | 60 |
| ncgtcttatg | ctatcccagg | gttggactat | gtcagncatg | aagacntcct | cccctacacc | 120 |
| tccacggatc | aggttcccat | tcaacacgag | ctctttgaaa | gatttcttct | gtatgaccag | 180 |
| acaaaagcac | ctccttttgt | ggctcgagaa | acgctgcggg | cctggcaaga | gaagaatcac | 240 |
| ccgtggctag | agctctctga | cgtgcacagg | gagaccaccg | agaacatccg | cgtcacagtc | 300 |
| atccccttct | acatgggcat | gagggaagcc | cagaattccc | acgtctactg | gtggcgctat | 360 |
| tgtatacgtc | tggaaaactt | ggacagtgat | gtggtacagc | tccgggagcg | gcaactggcgg | 420 |
| atattcagtc | tctcagggac | cctggaaaca | gttcgaggac | naggggtggt | gggcagggaa | 480 |
| ccagtgnat | ccaaggagca | gcctgcattc | cagnatagca | gccatgtctc | tctgaaat | 538 |

<210> 205

<211> 384

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 205

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| ccccgggaggc | cgccttgntt | ttatacactg | ntntcaccan | acnnnnnaaa | cnggctggng | 60 |
| tnactgnnct | cantagctgg | cttacantna | anggcttnag | ttttcacagg | ggccgatcaa | 120 |
| nagtgtctant | cgagatat | cgggtctcca | aatgccatgg | agattgngac | cctttagttc | 180 |
| cccnanngtt | tngnnctct | tactgttgaa | agactaanag | cnttgataaa | tccanccaat | 240 |
| gtaaccttcn | aaatctatga | aggcatgagg | cacagctcat | gtcagcagga | aatgatggnt | 300 |
| gtcaagcact | naattgataa | gctcntacct | ccaattgatt | gacatcacta | agaggccttg | 360 |
| agtngaagtt | caccagcatc | acag | | | | 384 |

<210> 206

<211> 140

<212> DNA

<213> Mus musculus

<400> 206

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tgagccaaac | acgtttat | actaocaaa | gggatgatcc | tgggtaaacc | aagtttgaca | 60 |
| tgaagttcca | tgtaaagtgt | ttgtgataaa | gagaactcaa | cagtcatgaa | aaataaaacc | 120 |
| aaagaagtga | aaaaaaaaa | | | | | 140 |

<210> 207

<211> 537

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 207

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tgagaacatt | tgaccaatg | tgggatgtat | tcaaaacatc | tacagagaaa | ttagcaaatt | 60 |
| gtcatttgga | tcttgtaga | aaattacagg | aattaataaa | ggaagttcag | aagtatggag | 120 |
| aggagcaagt | caagtctcat | aagaagacta | aagaagaagt | cgcagggact | ctggaagcag | 180 |
| tccaagccat | tcagaatata | actcaggcac | tccagaagtc | gaaggaaaat | tacactgcc | 240 |
| aatgtgtaga | acaggaacgt | ctgaaaaagg | aaggagctac | acaaagagaa | atagaaaagg | 300 |
| cagcttggtta | agtctaagaa | agctacagat | acttataaac | tttatgtgga | aaagtatgca | 360 |
| ttaacaaaag | cagattttga | gcagaagatg | acagaaacag | cccagaaatt | tcaagatatt | 420 |
| gaagaaactc | acctcattca | cataaaggaa | attatcggat | ccttgtcaat | gctggcaagg | 480 |
| agatccactt | acagatcngg | ccaggttcat | gaagagttat | aattaccatg | gctaata | 537 |

<210> 208

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 208
 agttctgtgc tcaatcgac agccggcaat ttggaaagaa acatcttttt gaccaggatg 60
 aagagacgtg ctggaactct gaccaggtn ggtgcttcta tacccttna ttccaagngt 120
 aggggtgtan aanatgcaag gttacagggt gccttgagat 160

<210> 209
 <211> 540
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 209
 gaactgaggt attttcaagg agaaataatt ccagnttgat ggatgaaatt ttaaaacagc 60
 aacaggaact tttgggcca gattgttcca aatactcagc agagtttgca aatagtaatg 120
 acaaagacga tcaagattta aattgccctt cggcagtga ggtgctgtcc ccagaagatg 180
 gaaaagcggg tattgtgaga gctgcccagg atttttgcca gttagtagcc cagcagcaga 240
 ggaagccac agatctggat gtagatctgc taggcagctt acttagttca catgggttcc 300
 ctgatcctga cttagtgttg aagtttggtc ctgtggacag cacattaggc tttcttcctt 360
 ggcaaactag attgactgag atcgtctctc tgccttctca cctaaacatc agctatgagg 420
 acttcttctc cgcccttcgg cagtatgcag cttgcgaaca gcgactggga aagtaatggt 480
 ccctacttgc ataatttgac ttcaggcttt tggagaaaaa ggaccaaggt gacactgaaa 540

<210> 210
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 210
 tatagccaga cagaatggac tgggctctca cctcagtgcc agtggcactg agtgttacat 60
 caggtcagat atgntctatg tggaagtgc gttagatcct gcaggacagc tttgtgatgt 120
 caaagtggct caccatgggg agaatccngn gagctgccag agcttg 166

<210> 211
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 211
 ttacaccag tgcatttggc tttcctntgc ggntccatca nngggacctg ttccacgctc 60
 ctcttccagc ctttggatct cctcaaaacc cgtctgcagg cctgcagcc ctcagacctc 120
 ggg 123

<210> 212
 <211> 232
 <212> DNA
 <213> Mus musculus

<400> 212
 aaagatcgag aacaccggca taaggagcac aagaaggata aggataagga ccgggaaaaag 60
 tctaagcata gcaacagtga acataaagat tctgaaaaga aacacaaaga gaaagagaaa 120
 accaaacaca aagatggcag ctcaaaaaa cataaagaca aacataaaga cagagacaag 180
 gaaagacgaa aggaggaaaa gattagagct gctggggatg caaaaaaaaa aa 232

<210> 213
 <211> 368
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 213
 ttccaggaaac cagcgcggga cattggcttc aacgtggcgg tactgcttac caacctgtca 60
 gagcatgtgc cccacgaccc gcgcctgcgc aacttcctgg agctggctga gagcatcctg 120
 gagtacttcc ggccttacct gggcgcgcatc gaaatcatgg gcgcctgcgc tcgcatagaa 180
 cggatctatt ttgagatctc agagaccaac cgtgccagtg gggagatgcc ccaggtcagt 240
 aggccttgcg tgtttatgaa gccttggtac ccttgaaaat cctntatggg ggctgtatac 300
 nccttcagtg tntgcaccta accctactng gnctctgaca aagcccaggc ccctcccca 360
 atgtattg 368

<210> 214
 <211> 423
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 214
 tcattctaag atccctgctc ccaaagacat nctcgacat caggtcctta atgccaagaa 60
 gctcaggctg aaaggaggag ttatgggaga aactggcaaa gcagggcgaa ctgcccaggg 120
 atgtgcgcaa ggcacaggcn cnactcctta gccctccac accaaaggcc aaacctgggc 180
 cccaggacat cattgagcna cccttctatg acctctgaaa cccanacaac cctctggaca 240
 cgccttttga ttggtcagga tgcatttttt ttggaacaga ncaagaagaa aggcggtang 300
 cggccacaac gcctccacat naagccntcc caggagcctg nagtggagggt atntcctgca 360
 ggagcctcct acaaccaaac ctttgagat naccaggccn tgctttnaga ggccccatgg 420
 aag 423

<210> 215
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 215
 gactgaggta tgtgagaaga ctgctgagct agatgengtt gcttggtnc tgggnatnng 60
 acgcgccctg ctttgccatt ncgacccac atgtgtgggc tntagtgtnc cacggnaca 120
 ccagttnnngc tgttgctcagt tttttttctc tgagntggac tataagccac atttcctntt 180
 nctctangaa gtaggttagg accgtgggct ttgnaanga gaccnnggtg gccgtgacca 240
 taaaganact tangnaaaaa agctcaggca ccctggacat gtccgtgtct tacaaggagg 300
 nggatcgcta cgacgtcca gggattgcct tttaccctgg tcaggctcag cttgctcanc 360
 tgtaagcacc actatgaggt tattccacct ctttgncagc cctggncanc cggnanacag 420
 gaactgcacc actcaaagga tcaattacac cc 452

<210> 216
 <211> 428
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

<400> 216
 gactgaggac agaaaatant atccaangna atttttgcac tagcagtatc aatctgtagc 60
 aagaaagttg accagtctgt tccagccaat gaaatttccc agaaggcagc agagagccaa 120
 ggcaggggaa aggagacttt gaaaaaagac ctgctggaca ttattaagga catgaaagtt 180
 gacctgagca cagcaaatgt gaaaacacca aagccacgtg gcagaaaacc ttctgccagt 240
 ctggaggcta ccgttgacag gcttcagaaa gctccggaag accctccaaa gaagaggaat 300
 gagttcctga gtcctgagtt ggtggctgca gcgtcggctg ttgcagattc cctacctttt 360
 gacaagcaga caaccaagtc agagctgctc aggcagctgc agcaaacacga ggaggagttg 420
 agggctca 428

<210> 217
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 217
 gactgaggct gtggagctgc ggacctatgg caggagaaag cttgtgtggt ggccggtctg 60
 cgacgcttcg gctgcatggg gtgccgctgg atcgcccagg acctcagcaa cctccggagc 120
 atcctggacc aacacgatgt gcgcctgggt ggcagtgagg cctgaggccc tgggcctgca 180
 ggagtttctg gatggtggtt acttctcagg agaactctac cttgatgaga gcaagcaa 240
 ctataaggag ctgggcttca agcgttaca cagcttaagc atcctaccag ctgccctggg 300
 aaaacctgtt cgtgatgtag cctccaaggc taaagctgtt ggtatccagg ggaacctgtc 360
 tggtgacctg ctgcaaagtg gagggctgct ggtggtcanc aagggtggcg acaagggtact 420
 g 421

<210> 218
 <211> 159

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 218
gactgagctt gctgaantaa agcaagaang tcttgctcgt ggttnagaga ccaagggaaat 60
aaaacaagat cttataaata ggctgcaggc ctatcttgaa gaccatgcag aagaagaagc 120
agatgaagaa gatgtactgg gagatgaaac tgaggaaga 159

<210> 219
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 219
atctctgtga gggatcaagg gacngctgan cagacttctt gctgctggtg ttgnggacan 60
ggtgatggcc acagctctaa gaanggcaca ccaccaacta aggaaagaag gtacatccag 120
cagnggtaat tccgacaacg tatagtcata tcnaagagaa gatgggggtg nttntttact 180
ntgnagataa cgcaggggtc atagtnttca ntatangann agatgaaggc ttctgctatc 240
acanntcnag tgacaaagtg agtgtgcaga ctt 273

<210> 220
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 220
gacccctcct tactcactgg cncntcagct ttgattttta acttcccttc cncacctttc 60
ccgaacacac acattcccat ttcaaaattg attttataaa gacattttta atatactgat 120
gcaacttggt gtgcactacg gcaaaaaaaaa aaa 153

<210> 221
<211> 252
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

<400> 221

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| caccactaga | ggacatggga | cagcctacag | tggaggaggc | tgagcagcct | ggagccctgg | 60 |
| ctcgggagtt | cctggcagcc | acagagcctg | agccagcccc | agccccagcc | ccggaagagt | 120 |
| ggctggacat | tctggggaac | ggattgctgc | ggatgaagac | actggtccca | ggccccgaaa | 180 |
| ggctctagcc | gcccactcaa | gggccaggtg | gngaccgttn | acctgcnaat | gnnccctggag | 240 |
| aatggcaccc | gc | | | | | 252 |

<210> 222
 <211> 235
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(235)
 <223> n = A,T,C or G

| | |
|-------------|-------------|
| <400> 222 | |
| gactgagctt | gctgagttgt |
| ctccgtcatc | ctcctcttcc |
| ccccccagcc | gtcttgcata |
| agtaaataca | tgtaacaaac |
| gagagagattt | cttgcaaattg |
| cagcatttga | atatc |
| | 60 |
| ggtgagctt | gctgagttgt |
| ctccgtcatc | ctcctcttcc |
| ccccccagcc | gtcttgcata |
| agtaaataca | tgtaacaaac |
| gagagagattt | cttgcaaattg |
| cagcatttga | atatc |
| | 120 |
| ggtgagctt | gctgagttgt |
| ctccgtcatc | ctcctcttcc |
| ccccccagcc | gtcttgcata |
| agtaaataca | tgtaacaaac |
| gagagagattt | cttgcaaattg |
| cagcatttga | atatc |
| | 180 |
| ggtgagctt | gctgagttgt |
| ctccgtcatc | ctcctcttcc |
| ccccccagcc | gtcttgcata |
| agtaaataca | tgtaacaaac |
| gagagagattt | cttgcaaattg |
| cagcatttga | atatc |
| | 235 |

<210> 223
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

| | |
|------------|------------|
| <400> 223 | |
| ttgatcactt | cttccttctg |
| gttactgaaa | agganccgac |
| cagattncgc | taagggccgt |
| actccgactt | gtcagagcag |
| ccattccggn | cccttcccta |
| gatgaaaaag | |
| aagtcccgc | ctttcggcta |
| acngnggagt | cgagaggagc |
| gtgatttcgc | cttcgggatt |
| tgctggacnc | ttcctaattc |
| tttcaccttg | gatcatgntc |
| | 60 |
| ttgatcactt | cttccttctg |
| gttactgaaa | agganccgac |
| cagattncgc | taagggccgt |
| actccgactt | gtcagagcag |
| ccattccggn | cccttcccta |
| gatgaaaaag | |
| aagtcccgc | ctttcggcta |
| acngnggagt | cgagaggagc |
| gtgatttcgc | cttcgggatt |
| tgctggacnc | ttcctaattc |
| tttcaccttg | gatcatgntc |
| | 120 |
| ttgatcactt | cttccttctg |
| gttactgaaa | agganccgac |
| cagattncgc | taagggccgt |
| actccgactt | gtcagagcag |
| ccattccggn | cccttcccta |
| gatgaaaaag | |
| aagtcccgc | ctttcggcta |
| acngnggagt | cgagaggagc |
| gtgatttcgc | cttcgggatt |
| tgctggacnc | ttcctaattc |
| tttcaccttg | gatcatgntc |
| | 180 |
| ttgatcactt | cttccttctg |
| gttactgaaa | agganccgac |
| cagattncgc | taagggccgt |
| actccgactt | gtcagagcag |
| ccattccggn | cccttcccta |
| gatgaaaaag | |
| aagtcccgc | ctttcggcta |
| acngnggagt | cgagaggagc |
| gtgatttcgc | cttcgggatt |
| tgctggacnc | ttcctaattc |
| tttcaccttg | gatcatgntc |
| | 240 |
| ttgatcactt | cttccttctg |
| gttactgaaa | agganccgac |
| cagattncgc | taagggccgt |
| actccgactt | gtcagagcag |
| ccattccggn | cccttcccta |
| gatgaaaaag | |
| aagtcccgc | ctttcggcta |
| acngnggagt | cgagaggagc |
| gtgatttcgc | cttcgggatt |
| tgctggacnc | ttcctaattc |
| tttcaccttg | gatcatgntc |
| | 300 |
| ttgatcactt | cttccttctg |
| gttactgaaa | agganccgac |
| cagattncgc | taagggccgt |
| actccgactt | gtcagagcag |
| ccattccggn | cccttcccta |
| gatgaaaaag | |
| aagtcccgc | ctttcggcta |
| acngnggagt | cgagaggagc |
| gtgatttcgc | cttcgggatt |
| tgctggacnc | ttcctaattc |
| tttcaccttg | gatcatgntc |
| | 310 |

<210> 224
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

| | |
|------------|------------|
| <400> 224 | |
| ctgagatcca | ggatgagaag |
| ccaantctgg | gttcacaaaa |
| naggagaggc | catatggaag |
| aaaaattgac | cgaggtgata |
| gctgcctttt | acagtcagcc |
| gatgaaaaag | |
| gatgattaca | gcagcancta |
| tgacagtgc | agcagtatgg |
| gnatcttaca | gcaaaacttc |
| aaaccatcca | tgaaacgaaa |
| tgaggagcgc | gactcagaca |
| caga | |
| | 60 |
| ctgagatcca | ggatgagaag |
| ccaantctgg | gttcacaaaa |
| naggagaggc | catatggaag |
| aaaaattgac | cgaggtgata |
| gctgcctttt | acagtcagcc |
| gatgaaaaag | |
| gatgattaca | gcagcancta |
| tgacagtgc | agcagtatgg |
| gnatcttaca | gcaaaacttc |
| aaaccatcca | tgaaacgaaa |
| tgaggagcgc | gactcagaca |
| caga | |
| | 120 |
| ctgagatcca | ggatgagaag |
| ccaantctgg | gttcacaaaa |
| naggagaggc | catatggaag |
| aaaaattgac | cgaggtgata |
| gctgcctttt | acagtcagcc |
| gatgaaaaag | |
| gatgattaca | gcagcancta |
| tgacagtgc | agcagtatgg |
| gnatcttaca | gcaaaacttc |
| aaaccatcca | tgaaacgaaa |
| tgaggagcgc | gactcagaca |
| caga | |
| | 180 |
| ctgagatcca | ggatgagaag |
| ccaantctgg | gttcacaaaa |
| naggagaggc | catatggaag |
| aaaaattgac | cgaggtgata |
| gctgcctttt | acagtcagcc |
| gatgaaaaag | |
| gatgattaca | gcagcancta |
| tgacagtgc | agcagtatgg |
| gnatcttaca | gcaaaacttc |
| aaaccatcca | tgaaacgaaa |
| tgaggagcgc | gactcagaca |
| caga | |
| | 240 |
| ctgagatcca | ggatgagaag |
| ccaantctgg | gttcacaaaa |
| naggagaggc | catatggaag |
| aaaaattgac | cgaggtgata |
| gctgcctttt | acagtcagcc |
| gatgaaaaag | |
| gatgattaca | gcagcancta |
| tgacagtgc | agcagtatgg |
| gnatcttaca | gcaaaacttc |
| aaaccatcca | tgaaacgaaa |
| tgaggagcgc | gactcagaca |
| caga | |
| | 294 |

<210> 225
 <211> 529
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 225
 actgagggat tttttatgga gtattgtgag gagcgggtgtg gnagcagtc caagatggca 60
 accgggactg cagctaagtc ttatgacttg cacctgactt cttcatacac ctgaaaataa 120
 gccatgaccg tcatgagagc tgcgcaggtg caccatgatg ctggtggtgt aaacaagtcc 180
 atatttggtg gagatgtgcc cctgccgccc tgattggcta aagctgtgtg cctggtgaga 240
 tggcagtggc ctgccgtgag tgcattggga ttgagagtat ataagagtga gaagcccag 300
 tggtttncgg tgtgcccttg tcatanacaa cgtcagtga ggcttaagcc tgagtctggn 360
 gccaacccct ccccgatggg tgcattgcaa ttaggtgtctg gcagactgac caatctcagg 420
 aggacacaaa gcctttccct gtgctcaggt gcatataagc agacctccct gggtgcccag 480
 agtcccagta gcagcatcaa ggcattnctg caataaaggc tgttaaagt 529

<210> 226
 <211> 494
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(494)
 <223> n = A,T,C or G

<400> 226
 tgaggtccga tctagatccc ttcccgatcc aggggaaggc gatactctcg ctcccgcagc 60
 aggagccgag gacggaggtc aagatcagca tctcctcgcc gatcaaggtc tgtgtctctt 120
 cgtagatcaa gatcagcttc actcagaaga tctaggctctg gttctataat aggatcgaga 180
 tcccgctcaa ggtcgagatc aagatccagg tctatttcac gancatgaag cagccgatca 240
 aaatccagat ctncatctcc taaaagaagt cgttcncgca tcaggaagtc cacacagaag 300
 tgcaagtcca gaaaagaatg gactgaagtt tctcaagttc accccntagg ggaaaagtta 360
 tttttagttt acattattat aangggattt gttatgnctn gaaaggcgta cgnaggaag 420
 ggatcatcaa ccatttaatc aaaatggatc tgggattatt actctgtaaa attcacagca 480
 gtaaataattg tttt 494

<210> 227
 <211> 456
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 227
 gactgaggcc ttgaagacga aggtgggaat cctgatgaaa ttgaagtcac ctcagaatgc 60
 aacaagaaga tgcctaagag gcccgcaaaa gggaggaaac cntnngncga ggggtgtggag 120
 gacaacgggc tcgaggagaa ttctggggat gggcaggagg atgtggagac cagcctggag 180

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aacctgcaag | acatggatat | gatggacatc | agtgtgctgg | atgaggntga | cattgacaat | 240 |
| ggcagcgtgg | cagactgtgt | ggaggaagag | gaggaggcca | cactccctga | gggcctagca | 300 |
| gacagcactg | aactggtaga | aggagatttg | aaagggctcc | cagaacagct | gcaggagcat | 360 |
| gctatagatg | acaaggacac | cgttaacaat | gtagatacgt | catcatctga | cttcaccatg | 420 |
| ctgcaggaga | tggaagaggc | atctttggag | cccgaa | | | 456 |

<210> 228
 <211> 219
 <212> DNA
 <213> Mus musculus

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| <400> 228 | | | | | | |
| gactgaggga | ctggggagat | ggctcccggt | taaagggtgct | cgctgctctt | ccagaaggaa | 60 |
| caagttcagt | tctcagcacc | caagggaggc | tcacaacccc | ctgtagttcc | agcatcagag | 120 |
| ggtctcaaac | cctcttcctg | cctcaccgga | catcctctca | tgtgttgctg | acatatacac | 180 |
| gaaccttaca | tataaataaa | aagccttaaa | gaaaaaaaa | | | 219 |

<210> 229
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| <400> 229 | | | | | | |
| actgaggtat | gtaaaagaag | gagatacggg | gtctcagttt | gacagcacct | gtgaagttca | 60 |
| aagtgacaag | gcctctgtca | ccatcaccag | ccgttacgat | ggcgtcatta | agaggctcta | 120 |
| ttacaatcta | gatgatatcg | cttatgtggg | gaaaccactg | ancgacattg | agacagaagc | 180 |
| tgtaaaggaa | ggaaggaaga | aagaaagaaa | gaaagaaaaa | | | 220 |

<210> 230
 <211> 326
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| <400> 230 | | | | | | |
| ttactgagtt | cttgccatga | cagggttngca | gccccgtggt | cgcaatgcag | cacgtgggtg | 60 |
| gtgtaccccc | tttactggta | cggagaacct | tccttgggac | ggacgtcacc | atgacaagga | 120 |
| ctctgtgcag | tccaggtccc | agagagaagc | gaccggaagc | cgcagcctta | gggctctttc | 180 |
| accgcctccc | ggaattggga | agaacacttg | agccacaccg | ttngccatca | agnagcctct | 240 |
| actgccaagg | cttgggtggga | cagatatgaa | gagtttgtgg | gactnaatga | gagttcgggn | 300 |
| ggccccaggga | aacgtgacag | aggcgg | | | | 326 |

<210> 231
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

| | |
|--|-----|
| <400> 231 | |
| cattgttttag atctcactnc gnataaaggt gacttacacc ttgacgatgg cagacatagg | 60 |
| catttggttc tacagatggc cttgaaatgt gctgatattt gtaacccatg tcggaactgg | 120 |
| gaattaagca agcagtggag tgaaaaagta acggaggaat tcttcacca aggagatata | 180 |
| gaaaaaaaaa | 190 |

<210> 232
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

| | |
|--|-----|
| <400> 232 | |
| actgaggtcc ctatactccc tgggcaggct tgccctganat tgcagctttt cctgtgcgcc | 60 |
| ctgcctctcc ttgccgcctc cggctccttc aatactctcc agctggataa gctcatacct | 120 |
| cagactcttc taaactagct gcttggettg ctgaattacc aaggggaaat gtggttccag | 180 |
| agacaaattg ttgggttcgg cccccgnta ctctgggggtg gtgcttagcc ggcgccagac | 240 |
| cgaccctcgg ctccggagcg gcagtgcctt cctctcggc gcctcctcgg cttctccggc | 300 |
| ttcctcggct tctcggggga ccgcggaccc tggatatatgc ccgactgctg agcccgctaa | 360 |
| agccatgtcg accccggccc ggcgcgcct catgaggagc ttcaagaggt tacaggaaga | 420 |
| tctcctcggc ggagtgcgc gggctccgtc ggagaacaac ataatgggtt tggaatgcgg | 480 |
| tcattttttg gcccgaaggg accccgtttg gaggatggaa cat | 523 |

<210> 233
 <211> 538
 <212> DNA
 <213> Mus musculus

| | |
|---|-----|
| <400> 233 | |
| gactgagtat ttctcagaga ttgatggaaa cagaaaccaa aactcttccc ctggagaatg | 60 |
| catccatcct ttcagagggc tctctacaag aaggacaccg attatggatt ggcaacctgg | 120 |
| atcccaaaat cacagaatac cacctcctca agctcctcca gaagtttggc aaggtgaagc | 180 |
| agtttgactt cctcttccat aagtcgggtg ctttgagggg ccagccccga gggtagctgt | 240 |
| ttgttaactt tgaaactaag caggaagcag aacaagccat ccagtgtctc aatggcaagc | 300 |
| tggcgtctgc taagaagctg gttgtacgat gggccacgc tcaagtcaag agatatgatc | 360 |
| ataacaagaa tgataagatc cttcccatca gccttgagcc atcctcaagc actgagcctg | 420 |
| ctcagtctaa cctcagtgtc actgcaaaga taaaagccat tgaagcaaag ctgaaaatga | 480 |
| tggcagaaaa tcttgatgca gagtaccag cagcgctgtt ttattcctac tttaaacc | 538 |

<210> 234
 <211> 358
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(358)

<223> n = A,T,C or G

<400> 234

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| tggcttccca | agccgctctg | gtttctcctc | gccaccaccc | tggagtccaa | gctggggaag | 60 |
| acgattgita | tcaccaagac | gacccacacag | tctgaaatgg | gaggctacta | ctgcaatgtc | 120 |
| tgtgactgtg | tggtgaaaga | ctccattaag | ttcctggacc | acattaatgt | tttagaaaca | 180 |
| tcagngaaaac | ctgggtatgt | ccatgcgagt | ggaacgctcc | actctggatc | aggtaaagna | 240 |
| gcgtttntga | ggtgaacaag | aagaagatgg | aagagaagca | gaaagattat | gattttgagg | 300 |
| aaaggatgaa | ggagctcana | gaagaggagg | aaaaggctaa | agcataccaa | aaaaaaaa | 358 |

<210> 235

<211> 348

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(348)

<223> n = A,T,C or G

<400> 235

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gactgaggat | ttgcagttcc | tgactaccgc | tcttctcata | ttgaagttag | ccaggcatca | 60 |
| cagcttttac | agcagcagca | gcagcagcag | cagcttcgaa | gacgaccttc | cttgctttca | 120 |
| gaatttcacc | cgngattctg | acaggccntc | aagagaggag | aactggatta | tngaacagtt | 180 |
| tcacttcagg | accctcaccg | anggatcatg | attccttgga | gtccaaacgn | ccacnccagg | 240 |
| aaccagttac | tanntgcccc | tttncaagcg | ngttaagtna | ctannggatt | tacnntttag | 300 |
| ttcacntccc | tgccagaagg | ctngagntcg | tntgctgatg | caaagaga | | 348 |

<210> 236

<211> 519

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(519)

<223> n = A,T,C or G

<400> 236

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tcgagctggg | agatgtgacg | cccacaatat | taaacagttg | aagagactga | accaggtcat | 60 |
| ctttccagtc | agctataatg | ataaattcta | caaggatgng | ctagaggtn | gcgagcntan | 120 |
| caataccttn | catatttcac | atgatatagc | tgtaggngca | gtgtgcntgc | aagggnngga | 180 |
| tncattcaca | gaatgaaaag | agacttttnc | tcatgacact | aggatgcctt | gcaccttaac | 240 |
| gaaaactagg | aataggaact | anaatgttan | atcatcgctc | taaacatctg | tgagaaggat | 300 |
| ggcacttttg | acgatatcta | tctgcatgtc | cagatcanca | atgagtcagc | gattgncttt | 360 |
| taccgcgaag | tttggttttg | agattatcga | gacaaagaag | aactactata | agaggataga | 420 |
| gctgcagac | gcgcagtgtc | ttcanaaaaa | cctcnaaggt | cccatctggt | cagaatgcng | 480 |
| agacacagaa | gacagacaac | tgacaaatca | caaatgaac | | | 519 |

<210> 237

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)
<223> n = A,T,C or G

<400> 237
gactgagctt tctcgggctc tacttggttg atcgcgacc cagaagagaa ctagtcaact 60
caagttttaa gccatggccc aaagactgat gacattcaga gacgtggccg tagacttctc 120
tccagaggag tgggagtgtc tgagcctgga ccagaggagt ttatacagag atgtgatgct 180
ggagagctac agccacctcg tctcagtggg actttttgnt tatcggtcac atctg 235

<210> 238
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 238
taaataaaga gtattgagcg aannacctac aacggaccag nggctgcacc actgaggaaa 60
ctgnnnnttc totanccacc attaaccncc tatagcttct nacgaggaag cangggcttt 120
gtgagtnaac aaccacntna ccaaccagan gntgnaggat ncanaagcga ctcatgatt 180
tacatantcc ttctgagatt gntagcgga ttncctccat cagtattgag cggggagttg 240
aggttgaag 249

<210> 239
<211> 535
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 239
tctgagaggc tccggttctg tggcgatctg gactgtcccg actgggtcct ggcagagatc 60
agcacactgg ccaaaatttc ctctgtgaag ctgcgactgc tgtgtagcca ggtgctaaag 120
gagcttctgg gtcaggggat tgattatgag aagatcttga agcttactgc tgatgccaag 180
tttgagtctg gagacgtgaa ggccacggtc gcggtgctga gtttcatcct gtccagtgc 240
gccaagcata gtgtcgacag tgattccttg tccagtgagc tgcagcagct ggggctgcc 300
aaagagcatg ccaccagcct gtgccgctgt tacgaagaga agcagagccc cctgcaggag 360
caccttcggg cctgnanccc tacgtgtgaa caggctggcc agcgtgggct ggcggggtaa 420
actacaccct gagctccagc ctgcttnatt ctgtggagga gccatggta catctgcagc 480
tacaggtttg tgctgntcc aggtacccan gcccaaccct gtttccatgt cccaa 535

<210> 240
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 240
ctaattccgaa agagaatcca tnngcagata ancntggact gttcctctac agaaggaaac 60
acacgaaagg gccagtcgga agaaattcaa atgaaaagaa cccgccgtgc nntcataatn 120
ccaacgagcc atcactgggtg catctcttgc tgatataatg gctaagagga atcgnaaanc 180
ctagaggttt ggaaagcccc agctgagagc aggcctatca gggctngcca aggnagcana 240
aaaggctann gcnggcttna aannatgaca gcaatnggct gctgcnagg ccccccanaaa 300
nggcagcacc taaacaaaag attcg 325

<210> 241
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 241
acttgaagac gcagctgcac gccataacta nggcattcct cntnnacnt tatantgaacn 60
ngatnnccgg angtagccag ngcacttggn cgctgactat ngaggcatca natcttgcct 120
aggntcactg gacaaantat gaggaggaca aattctacct tgacctatn taaaagaggt 180
tattcgggaa aagaaaggag agagaanagt ggnctaagga agtgatcttt ttanttaaga 240
tctgngtggtg tgccctggtct caccatactt ttacanagnt atttaaacc ccaatcacaat 300
ttaangatta ttngnttcta cctatnnena cacttttaaat aaaca 345

<210> 242
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 242
gactgagccc tcccaggcac caatacttca aagcatctta cctctgctca atatatatta 60
cttgagagagg attgaggaaa ctgctctcaa aaaagggtctc tctactcaag ccatctggcg 120
ccgactctgg gatgaactga tgaagacaag gccttccagt ttggagagag gnacnntctg 180
ncnanccctg actatgctgg caccact 208

<210> 243
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 243
ctatgatcca gccagacaca agcaactotaa gtgtgcttca gncagtggct gtgccgcctg 60
cacaatgagg tgaatcggaa gctgggcaag cctgatatttg actgctcgag agtagatgag 120
cgttggcgtg acggctggaa ggacggctcc tgtgactaga agattaccag cagttcgtga 180

ggggcatcta gcctnnggttc tatggnaaac agcctgattg acgattaaag tgcattctgag 240
 ccaaaaaaa 249

<210> 244

<211> 187

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(187)

<223> n = A,T,C or G

<400> 244

tgcgcgctgt gcatcangtg agacctgcag ctcanaactg gggttcagca agaactggtc 60
 ccggaggaac gnagnaggag atgcctnntg gcncctantna ccctgtctac tnngaactga 120
 cttnttttgt cntccaana cnaccttctn cacaactnca gtgacgcttt ncactcctga 180
 ggatgct 187

<210> 245

<211> 274

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 245

gactcagacc acacagccgt ctagaanaag cagaaaccag ctgagctatc tggaagagct 60
 ttagaccaac tgagacactg aggaggacac tctccagcct gttgagctgc ctgcaggctg 120
 tgcagtgtgc tacaagttcc cagcgttgtg agctgtcacc catgctgggg tgggectccg 180
 ggatgcagct gtctttgagt catctctgct ccgataagta acccctcacc catattcttc 240
 caaggaaccc caataaaact catggcttac caag 274

<210> 246

<211> 274

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(274)

<223> n = A,T,C or G

<400> 246

gaactgagaa tggaatgacc tatgtangca tgtgcatgta aacttcactg gcgaagagtg 60
 ggctttgctc agtccttccc agaagaggct ctacaaggat gtaatgctgg aaacctacag 120
 aaacctcact gctataggtc tgcagntggg aaaaccgtaa tatngaagaa tattttcaac 180
 cgttctagaa gatntggaag gcatgaaaga agtcatactg ggagaaaaac cttctgtata 240
 tactcaatgn aataaagcat ttgcatatca gaga 274

<210> 247

<211> 534

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 247

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| gactgaggtg | gggtctttac | tacggggccac | gcaaagctgg | gcacacacac | aatggaagtg | 60 |
| actgtctacc | accgacgggg | ttcccagagc | tacgtgcccc | ttgctcacgc | cagttcaacc | 120 |
| ttcaccatta | ctgaccaggt | acctttctcc | gtgagtgtgt | cccagctaca | ggccttggac | 180 |
| ggagagacca | agcacttcct | gagaaatcat | cctctcatct | ttgcccttca | gctccacgac | 240 |
| cccagtgttt | atttggccga | ggccgacctc | tcctacacat | gggactttgg | agatgggtact | 300 |
| gggaccctga | tctctcgggc | acttgatgtc | actcacactt | acctggagtc | gggctcagtc | 360 |
| actgccagg | tggtactgca | ggctgccatt | cctcttgttt | cctgtgggtc | ctccccagtc | 420 |
| ccgggtacca | cagatggcta | catgccaaact | gcagaagcac | ctggaaccac | atctaggcaa | 480 |
| ggaaccacta | caaaagttgn | gggtactaca | cctggccaga | tgccaactac | acag | 534 |

<210> 248

<211> 305

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 248

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| caaggcaggt | tactaaagat | nnacaggcaa | gatggntatc | ccagcaagtt | ggncctggcc | 60 |
| tacaaagtct | gcatgaccgg | aagaangtca | tccctgggtt | nttcttgttg | cagcacanna | 120 |
| cccgcctgca | gattgcatag | gacccgtctc | tggaactatga | gtacttgccc | ctggtggggc | 180 |
| tgaaatcatt | catccagtc | ttctctggaa | ctcctctttg | gaaagcacag | cgaagccatt | 240 |
| gcgganaaaa | gggctggggg | ngngcacatc | gntaggtgag | agtggagcct | tccagctttg | 300 |
| gggct | | | | | | 305 |

<210> 249

<211> 233

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 249

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| catggacccc | tccccacgag | ngcaggnaa | ccccagcact | gggaggcccg | atgcanaggg | 60 |
| ngaccccncc | aagaggantg | gccagtgttg | ggccccaggg | ctatggaact | ggcatgcggc | 120 |
| ccccacccaa | antcccttgc | caccagccag | gtcctgccgt | cnatgaacat | gggtccagga | 180 |
| gtgcgtggnc | catggtccac | atccaggnga | aagtnngatc | ccggactcct | cct | 233 |

<210> 250

<211> 510

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

<400> 250
 tgctttgtgc ttgtggagac ctggggccat cnnctggcac agtaggatgc ccccgngtcc 60
 tcctcagcag aacaggaaca ggttatcaca gctgcctgtt ggggagcttg nagagatgga 120
 actgacttgg caagagatca ttgtncatta ctgagctgca ggggtctaaat gttccaagtg 180
 agacatcttt tgagcctcaa gcacccaccc cataccttgg gccactgcc cctccaacat 240
 attgcccctg ttcaatttcat ccagatgcag gcttctccct tccccacca tcttatgagc 300
 tcccagcatc tactcccat gtcccagaac taccatactc ctatggtaat gtagccatac 360
 cagtgtcaaa gccacttacc ctttcaggcc tgctcaatga gccctccca gaccacttag 420
 ctctcctgga cattgggctg ccagtggggc aaacccaagc cccaagaaga cccagaatct 480
 gactcaggat tatccctcaa ctacagttag 510

<210> 251
 <211> 503
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

<400> 251
 aaagatgatg tctgcaaaca ccgtggctaa agtgaatgatc atnatgctgg cagactgtct 60
 tcttacccaa acggatggga aaccogtgag gaagagagct gtcagtgaat tacagcttat 120
 gcacaacctg ggcaaacacc tggcctccat ggagaggatg caatggctga gaaggaagct 180
 gcaagatatg cacaattttg ttagtcttgg agtccaaatg gntgccagag atggcagtc 240
 ccagaagccc accaagaagg aggaaaatgt ccttgttgat ggcaatccaa aaagtcttgg 300
 tgagggagac aaagctgatg tggatgtatt agttaaatca aaatctcaga aatgctgatt 360
 tattctagac agtgcagggc actgacntat gctgctacct tttcaagctt atgaagatca 420
 ccaagtgcta atacttctac tagnaatgaaa ctttgggaatt tttttgatta cntttttgct 480
 catttaaggc ctctttcaat gat 503

<210> 252
 <211> 258
 <212> DNA
 <213> Mus musculus

<400> 252
 acctacctg aagaagaaag caattcggaa tcagctagca tttctgcagc aagacacata 60
 tctgaggaca ggagagagtc tgatgactcg gatgttgatt tgggctctgc agtgagacag 120
 ctgcagagag ttcatctctg acatacagga aagggcggcc accaccatca gacgcatgta 180
 tcgggatgac ctaggcgct tcaaagaatt taaggcaciaa ggtgtggcta ttagatttgg 240
 caaattttct gctaaaga 258

<210> 253
 <211> 485
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(485)
<223> n = A,T,C or G

<400> 253
ttgattttga agtatgtat tgcggtgcc antgctcttt ggtgtgctgc gggagccgga 60
catnttgaag ttgttaaact tctagnnagc catggagcca acngaaacca caccacagtc 120
actaactcaa ctccattgcg ggcagcatgc tttgatggca gactggacat tngaaatat 180
tncggttgaa aataatgccg aatatcagca ttgccaacaa agtatgacaa cacctgccta 240
atgatnggng catataaagg gcacactgga tgtggtcaga tacctcttag aacaacgtgc 300
tgatcccaat gctaaagcac actgnggagc cacagctttg cacttttgca gnctaagctg 360
gtcacatttg acatttgtga aaganctgat aanatnggag agctngcant agctggtgaa 420
tggncatggg atgacnccat tgaagggggc cgctgaaagc tgtaaagctg atgtcgttga 480
acttg 485

<210> 254
<211> 174
<212> DNA
<213> Mus musculus

<400> 254
attcatttcc atttcaacaa atgatggcag aagttcctaa catggcagtc accgactgga 60
cagcaggtgc cagcagtagc tcctaacatg gcaaccgtga cagaacagca ggtgcccgca 120
gacgctcctg tccaggaacc tgcaccagaa ataatactga gatttttaaaa aaaa 174

<210> 255
<211> 458
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 255
gaactgaggt tttactgcaa tcaactgcaac aaacccatt tggcttataa agactcgctt 60
acagcttgat gcaaggactc gtggggaaaa gcaaatgggt gcttttgaat gtgttcgtaa 120
agtctatcag acagacggac tgcgaggatt ttataggggc atgtctgcct cctatgccgg 180
catatcagag actgttatcc attttgttat ttatgaaagt ataaagcaaa aactactgga 240
atgtangact gnttctatga tggaaactga tgaggagtct gtgaaagaag catcggattt 300
tgtgagaatg atgctagctg ctgccacctc aaaaacctgt gccacaacca tagcgtatcc 360
acacgaagan ngaaganng gactacntnn ataanggaca cactntaggg annttntntc 420
ngcncctggn tttgagtgna ccctaagaag gcttacgg 458

<210> 256
<211> 479
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 256
tactgaggat gactatatgg aagcgctggc ccggtcctc tcacagtgc cagggcctac 60

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aaggtgaaca | ctgatatcaa | ctttgaggtg | tttattcata | aagtagatgg | tctgtcagat | 120 |
| gaccacaaaa | ttgaaaccca | gagagacatt | caccagaggg | caaacgatga | cctcgctgat | 180 |
| gctgggatta | gaaaaaattc | accttgagct | tttacctgac | aagcatatat | gatcattcaa | 240 |
| tatttgaagc | ctttagcaaa | gtggttcaga | aactgatccc | acagctcccg | acgctggana | 300 |
| atctgctgaa | catctttatc | tcaaattctg | gaattgagaa | agcgtttctg | tttgacgtgg | 360 |
| tcagtaagna | tttatatttg | caactgacag | cacgccggtg | ggacatgcag | acgtacgagc | 420 |
| tcttgctgng | acatgattga | cggnggtgat | cgacatctct | tgtatttatg | ggtctcaaa | 479 |

<210> 257

<211> 360

<212> DNA

<213> Mus musculus

<400> 257

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actgagctgg | agagaggcgt | tcgtgagagt | ggatggttac | ttcggcagag | caccattctg | 60 |
| aaacgctgga | agaagaattg | gttcgacctg | tggtcagacg | gtcacctgat | ctactacgat | 120 |
| gatcagactc | ggcagagcat | agaggataag | gtccacatgc | ccgtggactg | catcaatata | 180 |
| cgcacggggc | atgagtgccg | ggacatccag | cctccagatg | ggaagcccag | agactgtctg | 240 |
| ctgcagatcg | tttgccgaga | cgggaagacc | atcagtctct | gtgcagagag | cacagacgat | 300 |
| tgcctggcat | ggaagttgac | actgcaggat | tccagaacaa | acacagctta | cgttggttca | 360 |

<210> 258

<211> 259

<212> DNA

<213> Mus musculus

<400> 258

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gaccatcgag | cagtcacctg | tggccacacg | ggtgggcagc | atcgccgagc | tcagtgacct | 60 |
| tgtgtcccg | gcatgcacc | atctacagcc | cctcaatcgc | aagcaccacg | gtaatggcac | 120 |
| gcccattgac | cacaagcagg | ggcgctctta | ctgggagcca | gaggccctgt | acacgctctg | 180 |
| ctacttcatt | cactgccgcg | agatggagtg | ggagaatccc | aacgtggaac | cttccaaggt | 240 |
| caacctccag | gtggaaagg | | | | | 259 |

<210> 259

<211> 460

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(460)

<223> n = A,T,C or G

<400> 259

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gactgaggtg | tcccaagcta | gaggtaagca | tggcagtaac | aggaacccac | tgctgagcag | 60 |
| cttgccgaga | tagctgcaga | gaatgaggaa | gatgagcact | ctgtgaacta | caagcctcca | 120 |
| gccagaaga | gcattccagg | gatccaggaa | ctggacaagg | acgatgaaag | cctccgaaag | 180 |
| tacaaggagg | ccctgctggg | cncgagtagc | tgtctctgca | gaccccaacg | tccccaatgt | 240 |
| catgtgtgac | tcgactgacc | ttggtatgca | gcactgccct | aggccttntg | gaantgntcn | 300 |
| tgacannnga | gcncgagan | gcttnagaga | aanatncagt | ntggtgttga | aggaagggcg | 360 |
| cggngnacct | actantaaag | nttntttccn | ggntgaacaa | gaaagantcg | tgtccgncat | 420 |
| gaagtacatc | caacacacnt | ataggaaaag | gggtcaaaat | | | 460 |

<210> 260

<211> 466

<212> DNA

<213> Mus musculus

<400> 260

| | | | | | | |
|-------------|-------------|-------------|------------|------------|------------|-----|
| tgagtggggtt | ttcctgggatg | atgtcctggg | tcagaggtga | gctctgtcgt | ggggatttgg | 60 |
| agtggccagc | attgtcacag | gaccgtatgg | aaggagggcc | ctttttcttc | cgtggaagag | 120 |
| tgccatgtat | agacaccgtc | ttgataggca | tctgtgcgac | gctcagcaag | aggggacttg | 180 |
| ctgctcagga | ggtcacatga | cgaggccaag | gggaactggt | gattcacagg | catgtttctg | 240 |
| ggaaggcttg | caaaactttcc | cgacagccatg | attcttaact | ctgaggaggg | aaaagagaca | 300 |
| gaaggacaaa | gccttgataa | ttcagaagct | tgtctgctgt | acgcgtgaga | ctacatagaa | 360 |
| agcttggtct | acaaggaata | tagaaaaaca | gggtggtgag | tcctggccag | ttcctggcac | 420 |
| tctgtcagca | cttaatcaat | gttaatcatt | gttattaaaa | aaaaaa | | 466 |

<210> 261

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 261

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actgagggtg | ctcaggacac | ccctttcccg | gttcgagggg | agtcagccga | cgcgcgcgca | 60 |
| ctgcgcagac | tcctcgctgc | agtgggcgtg | atccgtggag | gtcccgcccc | tactcagctg | 120 |
| ctcagacaga | agctggagcc | ccaccgaagt | agcagccaac | gtctgatttc | cagtccctga | 180 |
| cacaccacc | tagccacctt | cgttctgcag | agtcccccag | cggtcaggca | atatgaagcc | 240 |
| caaaactgat | taccaggagc | tgaagggtgc | tgttgaggag | cctgcggnag | aactgncctt | 300 |
| gaatgaaatn | gaggcatgga | angcagcaga | gaagaaagcc | cgctggntnc | tcctggtcct | 360 |
| gatcctggcg | gtagtgggct | t | | | | 381 |

<210> 262

<211> 506

<212> DNA

<213> Mus musculus

<400> 262

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| tctgcaggag | tcagtcgcag | tgttgctgta | gtgatggctt | ttataatgaa | gaccgaccag | 60 |
| cttacctttg | aaaagcctac | tgacatcctc | cggacagtca | agccagaggc | taaagtgaat | 120 |
| gaggggtttg | aatggcaact | gaaaactgtat | gaggcaatgg | gatacgaagt | cgatacggtc | 180 |
| cagtgccttt | tacaagcagt | accgtttaca | aaaggtgact | gagaagtatc | cagaactttg | 240 |
| gaatttacct | caggaactct | tcgtctgttg | cccaactacc | atttcacagg | gattaaaaga | 300 |
| tgacattctc | tacaaatgca | gaaaatgcag | gcggtcttta | tttagacatt | ctagtatttt | 360 |
| gggtcatagt | gaaggaagtg | ggccaatagc | ctttgctcac | aagagaacgg | cgccatcttc | 420 |
| tgtacttacc | acagggagtc | aggctcagtg | ccacgtctta | cttcattgag | gcctgtgcag | 480 |
| tggatggaat | ctaactttgc | tggaata | | | | 506 |

<210> 263

<211> 458

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 263
 ggtctcctct tttgcttctc gaagccacgt gaaaaaggcc gtgacagact tgagggccac 60
 gcccttccca gcttgctcag cggggtcctt gctgctctcc catttgtaga aggcacccctc 120
 tgatatacacc tcctcgtcat acaggcaatc aaaaaacatc cggagcaagt ctgcaagagg 180
 tgacaacagc cgcaggtgtg agcatintat ttgcaaggaa aagcaaagac atgtgaatta 240
 cngagtgact gaatgtggtc ggtgaatgaa tgaatgaatg aanggctgca gtcaatcagc 300
 acagtgaatg aacatccact cccagnact gtgcactaca cctcttgnt gctgagcaat 360
 gtaacactca tttgcagacn aaacattact ttttattctt atntttgccc aaattcaact 420
 atngnttggg anactactca aagggtgtttg ttatttaa 458

<210> 264
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 264
 ctggaacccg agagactgtc gagcctgcac accctggagc tttgagggaa ccagctggaa 60
 tccacaaagg gaatctacct tcctaagctg aagaatctct acctgg 106

<210> 265
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 265
 caactggaag agattcgcct aaagcaggta acagcaggag aacccaggca ccaagaagcg 60
 caaggaaaac aaggagcaga atcagggaga atcggcgggg gagaaaagcc gatccccgaac 120
 agctactcgg gtccttgcca ccagcttggc atacaggaac cggaaaccggg agaaagagct 180
 gctgccagta caactggaca ctacgcagcc tcaggacatt ntggaagagg aggagctcga 240
 gcggatgaag ctctctgtac aganagagaa cctcatccgc anccctgggca ttgtngagca 300
 gctcacccgc atgctgtacc ctanccaccg gagccacaga aagcttcacg agtatcggn 360
 gaggntccct gcgaagcctn tcacaaagca aggnaacaag ggctgtgatg ccaacaacgt 420
 nntggtgggt ttaaccaaen gaggttattt gtgatggtac cttgtcacgg nagcctggga 480
 ataggctctg ctggnntcca tgatgtcngt taccaggctt ccttg 525

<210> 266
 <211> 460
 <212> DNA
 <213> Mus musculus

<400> 266
 agcacggacg gaggaaggag gagaagctga gccaggccta tgcaatcagc gctggtgtct 60
 ccttgagggg ccaacagctc ttccagacca ttcacaagac cattaagagc tgtaaattggc 120
 aagaaaaaaa cattgtagtc atggaagaag ttgttattac acccccatat caagtggaaa 180
 attgtaaagg caaagagggg agtgactga gccatgtacg caaaatagtt gaaaaacatt 240
 ttagagacgt ggaaagccaa aagatactgc agcgttcaca agcccaacaa ccacagaagg 300
 aggctgctct gtcactcctga gtccacaaac agggaggact cttccagcat ccagccacag 360
 cgatgggtgg ggtggcttca gtggaggccg gcccggggga gggaagggat cctatatattc 420
 ctgctgactc ttattagggt cagtgtttca aaaaaaaaaa 460

<210> 267

<211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 267
 tactgactca gctcgggact ggcctttaa gaaaacattc nttgctcgtc ggtcccgccc 60
 gggggccgta ccttgacac tttaaaagga cccagntagc cctggaggcg agngaccgn 120
 ctcccgccc tggcctgcg ctgacgagcg ctgtggctcc tgcccaagcc ggnccgtaga 180
 gaagactggc ccgacgagc tttctgagc atttcttgg atctcncnc aaangcgctg 240
 atagatggga cagngncca ggctgctttt gctgc 275

<210> 268
 <211> 333
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 268
 ttatacatgc tgttctcaag agatggaaga gaagtncagc ctgcaaagta aagatgattt 60
 caaaaccgtg gtcagcgaac agtgcaacca ttgcaagcc atctttgcat cccgttacia 120
 gaagtttgat gaattcttca aagaacttct tgaaantgca gagaaatccc tgaatgatat 180
 gtncgtgaag acnttttggc cacttatgag tgcaaaantn agagctatat aaagatctct 240
 tcctttgagt tgaagcgnta ctatntggcg ggaattgtga acctggaaga aatgttanan 300
 tnacttctg ggcctcgctt tctggcgcgc atg 333

<210> 269
 <211> 427
 <212> DNA
 <213> Mus musculus

<400> 269
 gactgaggac ttgccttctg cctgtcgtct gaagagggaa actcttcgta ggagggctca 60
 acttcaacac cgatgaacag gcacttgaag accacttcag cagctttggg cctatctctg 120
 aggtggttgt tgtcaaggac cgggagactc aaagatccc gggttttggc ttcacacct 180
 tcacaaacc agagcatgcc tcagatgcga tgagagctat gaatggagag tccctggatg 240
 ggcgccaaat ccgagttgat catgcaggaa agtctgccag gggatccaga gggggtgcct 300
 ttggtggcg tggtgcagc tactctagag gtggtggaga ccagggatat ggaagtggaa 360
 gatatgacag tcgtcctgga ggatattgat atgggtatgg gcggtctaga gactacagtg 420
 gcagaca 427

<210> 270
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(142)
<223> n = A,T,C or G

<400> 270
ccactgtttgg agaagaccag tcagggcctg acaggccan aggcancctg ctactgcag 60
gactgagctc caccaggag gtctgcttgg gcaggagtcg gnagagagcc cagcgagacc 120
ccagcagcct cccgtttctc gt 142

<210> 271
<211> 451
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 271
gactgaggtg gggctctttca ngagcccagn ctgggacaga aggtacccac ggagggacac 60
tccgaaccga tctgtttgcc ctctcgntc ccagagccgg cagggggccc ccagccggga 120
atcctggggg ctgtaacagg tctcggaag ggaggctccc gccggaatgc ctggggaaat 180
cagtcatatg cagaactcat cagccaggcc attgaaagcg ccccgagaa gcgctgaca 240
ctgcccaga tctacnaatg gatggtcgc acgngccct acttcaagga caagggtgac 300
agcaacagct cggcaggatg gaaggtggtt tgtgttagtg taccaagtac agnggacaga 360
atggaccttc acgtanacgt tagagtgagg gagcanatct acnatgngcg gaggggcca 420
actgaacana agatgggaca gcttgaccg a 451

<210> 272
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 272
gactgagatc cgtgataat ctgcaggaa cgatttcag caacactgtg cacttggtg 60
ccattctgtc ttgcttgctt gtccctcaca aacagtcagc tgagcagcag tcttcaattc 120
cagatgccac tggctctttg cacagactca agagaagacc gaaagcatta gngataaagc 180
cacattctcc aagcttgagc cctngagatg agtggccttt ctgcgaggca catnaacagc 240
gtgacttnga agagcanagc ttgnatagag atntaggntc aacggcctna nctgacagaa 300
cagncaactg gctgnaccgn gttttgtgtg tgtgtgtgtg tgtgtgtgtg tg 352

<210> 273
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

```

<400> 273
ctggtggcgg tgctgtntgn gacngactgg gctgaggaca tgccannct gaaggacctg      60
gccantgtgg ccttctgtga tgcacagtcc actcaggaaa tccatgagaa ggtgttgaat      120
gaggctgnng gtgccatgat gtaccacacc atcacoctca ccagggaaga cctgtttntn      180
ttcaaggcng tgagagtaga tcngngcaat cgggtactggc tacgacaacg tggacatcaa      240
ggctgctggc gagctc                                         256

```

```

<210> 274
<211> 507
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

```

```

<400> 274
gactgaggtg gggcgcccggt gagactgagg ctgcatctac cggcttcgag ttgcgcctact      60
ggatgaatat gaaaacgaag tgggtcaagtt ctctgcctca cccaaccag tccttcagtg      120
gactgagagg agctgccgac aaggactacc atgatgtgat gcanacatct ctagggttgc      180
atgcctgagg actactccat gtgnggaggg caagccagac ctganngcac acncttntgg      240
tccccacatc aaggtaaacg gaggaggatc tggagttaa ggtcatcccc agctgtatac      300
tgacttcaag gccagcctga gctacatgag gccctgtcaa aaaagagaga atatccaata      360
gaccaagctt gggatcataa caaaaggaga aagctactta taagaagaca gggactttaa      420
aaattttctt aatccggggc tggagagatg gctcancggn taagagcact gactgctctt      480
ccagagnctt gagttcaatt cccagca                                         507

```

```

<210> 275
<211> 393
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

```

```

<400> 275
atgttaaggt gcatggcggc ctgctgcaga tcttccccga gggtcggcca gtggtagcca      60
acatcgagcc actctttgac cggttgctca ttttctggtc tgaccgacgg aaccacatg      120
aggtgaagcc agcctatgcc accaggtagc ccatcactgt ctggtatatt gatgccaagg      180
aacgggcagc agccagagac aagtatcagc tagcatcggg acagaaaggt gttcaagtac      240
cagtatcaca gccaactaca cctacctaag gccagcccc agagctgcgt ggaccagcag      300
cagctcctgc ctcaagtccc gctcctttcc tgccactgct gctgcttctg gcttgccctt      360
gtactgngtg gngtggaggg cactaagtat cac                                         393

```

```

<210> 276
<211> 322
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

```

<400> 276
gactgagggt ccccttgaga naatgaagag tatccgggag accatgaagg ancaaggtgt 60
cctcaaagac tttctgaaga accacaagta tgaccctggc cagaaatacc actttggcaa 120
gnttggngac tacagtgtac tctatgagcc catggcctat atggatgctt cctactatgg 180
tgagatcagc atcgggactc caccacagaa ctctctggtc cttttcgaca ctggctcctc 240
caacctgtgg gtgtcttctg tctactgcc a ggcgaggcc tgcaccacac acaccgcta 300
caaccccgag aagtcctcca cc 322

<210> 277
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 277
gactgagtca aatggcagct tgctcagtan ctgccgaggc gctaggagtt gccgaaacag 60
gtccggaagc taccgagcga gtccggaagt tgccgaaagg gagcagcggg gaaggaggat 120
ggcgatctc atcgcaagac ttcgagagga cgggatccaa aagctgtgtg atacaggagg 180
gccgaggaga gttgccggac tttcaggatg gcaactaaggc cacgttccac tttcggacgc 240
tgcacagtga caatgaaggc tccgttatag atgacagccg aacacgangc aagcccatgg 300
agctcatcgt tggcaagaag ttcaagttgc ctgtgtggga gaccatcgtg tgcncatgc 360
gtgaggggga 370

<210> 278
<211> 227
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(227)
<223> n = A,T,C or G

<400> 278
gtgcttcaca cacctgcttg nttacctgn caggcgagaa nnctngtgna tggatnngag 60
ccngggacca ngcagctcat tcagngcntc agganntaaa acccanaatn ctaccnagng 120
tccccacttn ttggggctcc acatgncctg agatctagga actgcctttg cctgcgccaa 180
agctattcca ttaaaacttt actgctgggc tgctcaaaa aaaaaaa 227

<210> 279
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 279
gactactggc agtattcgtg angtgattgc agaattgatt gagctgncac atgcctgctg 60
acctgtgaac ttaactgctn atttccagac nacacagatg gnatttgctc cnangagcca 120

tttctaaaca ggtccacttc cctgtatcc tttcttttcc actacttctg gtggg 175

<210> 280

<211> 260

<212> DNA

<213> Mus musculus

<400> 280

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gactgaggtg | gggtctttca | cattttcgag | ctgagacott | gatcggctaa | cttagtcaaa | 60 |
| ataccactgc | caccgctgaa | ggaccaggtg | ttcgaatgca | cagtgttgca | agcaacgcaa | 120 |
| gcgaaagtga | ccctcacaca | cacagccctc | tgtgtccttt | tatggctggt | ctgtcgtcga | 180 |
| tgccaacccc | caattattta | ttattgttaa | taacttactt | tttcttacat | tctgttgtaa | 240 |
| ataaagtatg | aagcaatctt | | | | | 260 |

<210> 281

<211> 186

<212> DNA

<213> Mus musculus

<400> 281

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tcgggatggt | tgacggctat | gatagctgca | gtgaggacac | aagtagcagc | tccagctctg | 60 |
| aggagagtga | agaagaagtt | gctcctttac | cttccaatct | cccaatcatc | aagaataatg | 120 |
| gacaagtcta | cacataccca | gatggtaaat | ctggcatggc | tacctgtgag | atgtgtggga | 180 |
| tggtcg | | | | | | 186 |

<210> 282

<211> 310

<212> DNA

<213> Mus musculus

<400> 282

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|-----|
| gactgaggcc | ttaagtattc | ttcaaagagt | cccccagtag | tggtgatcac | agacatgaaa | 60 |
| agatgcgaga | cgccgcagat | ccttcaccac | caaacaaaat | gttgccgaga | tctaatagtc | 120 |
| ctgaaaacaa | atacagtgc | agcacaggtc | acaacaaggc | caaaaacgtg | cacactcaga | 180 |
| gagttagaga | aagggaagg | gggaccagtt | actctccaca | agaaaactca | cacaaccaca | 240 |
| gtgcacttca | tagttcaaat | tcacattott | ctaattccaag | caataatcca | agcaaaaactt | 300 |
| cagatgcagg | | | | | | 310 |

<210> 283

<211> 398

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 283

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| atgttaaagg | gcatggccgg | cctgctgcag | atcttccccg | agggtcggcc | agtggtagcc | 60 |
| aacatcagag | ccactctttg | accgntgct | cattttctgg | tctgaccgac | ggaaccaca | 120 |
| tgaggtgaag | ccagcctatg | ccaccaggtg | cgccatcact | gtctggtatt | ttgatgcaa | 180 |
| ggaacgggca | gnagccagag | acaagtatca | gtagcatcg | ggacagaaag | gtgttcaagt | 240 |
| accagtatca | cagccaacta | cacctaccta | atggccagcc | ccagagctgc | gtggaccagc | 300 |
| agcagctcct | gcctcagtg | ccgctccttt | cctgccactg | gttgctgctt | ctggcttgcc | 360 |
| tctgtactgg | gggggggngg | agggcactaa | gtatcact | | | 398 |

<210> 284
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 284
 gagcacaggc ggcagttggt tctccatcct cngtgagccc tggagcatgt ncccactgcg 60
 agccttcagn catgccgntc tgcacgcttc tgtctccaac aagtggagcc aatgagtcac 120
 accccagggg ggctngaggc acccatcacc accagtgc 159

<210> 285
 <211> 250
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 285
 atctgagacc tctgtctgcaa acagcataag cagcagtact tcttcaaacc acagcggcta 60
 cactccagag cccctctctgc tcccagctgg aggcgacctt gccagccgac tgtccagtga 120
 tgaaggggag atggacggag ccgacgagtc cgagaagtta gactgtcagt tctccacaca 180
 ccaccccaga cctcttgctt tctgtctcatt cgggagtcgc ctcatnnnac gaggatacta 240
 tgtgtttgat 250

<210> 286
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 286
 gggacatggg ttggaggacc ctgcentoca gacgccagga agaggagact acnanagacc 60
 tggctctgaa atnaccacca gggaaacctg gaggtctcct gccagcatt gatganaccc 120
 gacctatagg cccaggccca gcctc 145

<210> 287
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 287
gagcagtttg cctaattgcc gagcggggga agatgctgag tgcacaagat caacantgag 60
aacaagcccc tggacttcnt cgccagcagg ggaaacaagc tgggtgtccat 110

<210> 288
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 288
ttcctcaccg gccagctttt gcttgacctt acaagcttct gagatgaana acccggagga 60
agcggcagac gggaaacagc tgtattcncc tgcgccctgg ctgctgctgt ggttgcctga 120
ccggctaanc atgcacctnc tgcncctgca cgttctantn tgcntggctc ggtcncggta 180
gatcgcttnt tcncgncccc tngnnnccca cgatgcataa cgggctacag ggcgtcgttt 240
cgcg 245

<210> 289
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 289
tgacgctcct ctcttcccag tcttcatccc tggcagcccc ctttgggtct gtgtccactg 60
aaaaccacaga gcagaggatg ctggagaaga gagccaaggt ggtggcggag cttttgcaga 120
cggagagaga ctacatccgg gatctggaga tgtgcattga gagggtcatt gtgcccctgc 180
agcaggcaca ggtaccacaaac gttgattttg aaggnntttt tggaaatatg caaacagtga 240
ttaaagtctc aaagcaattg ttggcggcct tggaaatcag cgatgctgta ggaccctgtg 300
ttcttgacca ccgagacgag cttgagggan cgtacagggt ttactgccag aaccaagatg 360
aagccatctc cctgctgga atgtacgaga aggacgagaa gaccacagaag caccttcagg 420
actacctggg cagatctcat gaggctgtac cacgaatggg gatgcnccca attacatcaa 480
cctggggct 489

<210> 290
<211> 331
<212> DNA
<213> Mus musculus

<400> 290
actgaggggtg acctgtctgt gtgcccagtt tgaagccgtc cttcagcatg gcatgaagag 60
gagccgagga ttagcactca cggctgcagc catcaaacag gcagcaggct tcaccagcaa 120
gaccgaaaca ggagcaaggg ggctgggtgag atggctcagc aagtaagagc acccgactac 180
tcttctgaag gtcggaggtt caaatcccag caaccacatg gtagctcaca accatccgta 240
acgagatctg actccctctt ctggagtgtc tgaagacagc tacagtgtac ttacatatata 300
taaataataa ataaatcttt aaaaaaaaaa a 331

<210> 291

<211> 499

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(499)

<223> n = A,T,C or G

<400> 291

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| gactgaggac | tttaagctcg | acttcggcaa | tttccaaggc | aaaatgagtg | agaggtggca | 60 |
| oggaggcatn | antgncatnn | ttgnganncc | tntntncnaa | tanganattn | agggttctnc | 120 |
| tcaataagcg | gaaggaaatt | acctgcccnn | gttacctgat | gacgaactac | nagagcgcg | 180 |
| ccnccatcacc | acagtataag | aagggttatct | gcatgggtgc | ganaganaac | ngtttgccac | 240 |
| aggantatca | ngaganatta | aaagcnatan | aaccaaata | gtatnaagga | angatctccg | 300 |
| acgaaatgga | agacatcatc | aaaangggag | agtcanaact | gtcataacag | actctgaagc | 360 |
| tntgtgtgct | attatgaagt | gcttttaacg | tttgcggaaca | ngagtctgga | ccttcttggt | 420 |
| tctgaccttg | attttcaaca | gtgctgnnaa | gggcttctca | cataggtgat | tctttatatt | 480 |
| tancgtgaac | aaacaactg | | | | | 499 |

<210> 292

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 292

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gactgaggac | tatgatgttt | gtctgtagcc | cangccgacc | tcnangntnt | ccggcctcan | 60 |
| ggccccctga | gtaatgggga | tgggaaggcc | tggaacacca | cacccagctg | acgctnctca | 120 |
| aggccttttc | atagtctcca | agccttgaag | gtttacaaga | agaaagcagg | cnaccagatn | 180 |
| cgectgtctc | tgcccacaag | ggctggcatt | aaagatgtgt | gccgccatgc | ccagtgatcc | 240 |
| cagtttaaaa | gaaaaagaca | agattccgat | tgatanaata | ttaaannaan | ctnagntgnc | 300 |
| tgtgccctact | atggaacaac | ctnanactga | gaacccagcc | cctagtaagg | ccactagtgc | 360 |
| anaaactggt | tttttaatgc | c | | | | 381 |

<210> 293

<211> 390

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 293

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| actgagctaa | caagcaganc | accagcnggt | cagtattttg | atggcttcac | ttgacagtac | 60 |
| ttntctttga | agnccactgg | gntcatctgc | agagcttcac | ctacctcatc | cactggaaga | 120 |
| aaatgtcaag | gcattcaatc | aagcttttga | gataatcagt | tattaagcat | acagctgaat | 180 |
| ccttttaaaa | acacatatca | cttacctggg | atggttgatt | atccagggtat | ttttccttgc | 240 |
| tcaagaattt | cccatgtatt | tctaacatca | attaacataa | tgtcttttga | gttcagtagg | 300 |
| cttttttagtt | ccctataagt | cacaccctta | ggagtagaac | aaaatgcttg | gctgcatctc | 360 |

catattgact tcaaacctga aagaaataag

390

<210> 294

<211> 489

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(489)

<223> n = A,T,C or G

<400> 294

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gactgaggct | agatcttcag | aactgttccc | tgaggatcct | ggtccaaact | ttttacaggc | 60 |
| ttatactgct | attatcatag | accttcaggc | aaatcctctc | aaggatgatt | tggccaacac | 120 |
| cttccgtggg | tttactcagc | tgcagactct | gatactacca | caagatgttc | cctgtcctgg | 180 |
| aggtagtaat | gcctgggaca | atgttacttc | tttcaaggac | aagcagattt | gccaagggca | 240 |
| aagggacctt | tgcaatagca | ctggaagccc | agaaatgtgt | cctgagaacg | gatcttgtgc | 300 |
| atctgacggg | cctgggtctt | tgcagtgcgt | ttgtgctgat | ggtttccatg | gatacaagt | 360 |
| tatgaggcag | ggctcatttt | cactgcttat | gttctttggg | attctgggat | ccaccacgct | 420 |
| agccatctnc | attctacttt | ggggaaccca | gcgcgggaaa | gccaaggcct | natgagccac | 480 |
| acaagactt | | | | | | 489 |

<210> 295

<211> 334

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 295

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| atgctcccaa | acctgggaac | tgggacagct | ccgatgcctg | gggctccngg | acagacggaa | 60 |
| ctagcgctca | naggaacagc | agctgccaac | anctgggaca | cgggcttttg | ccaccacag | 120 |
| gcctaccaag | gaccagnanc | tggatgatgat | gacnaatggg | atgaagactg | ggacgacccc | 180 |
| angttcttct | caccttactt | gagggattca | gaaccagctg | aagcaggggg | catccagnng | 240 |
| ggaaacagtc | gtgcgggtgc | ctcctccatg | aagctgcccc | ttaacaaatt | tcctggattt | 300 |
| gcnaaacctg | ncatgnagca | aaactttggt | ggcc | | | 334 |

<210> 296

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 296

| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| ccctgggagt | ctgctatggn | nttcctcac | ctacaacagc | nnagtttntct | tntggctagc | 60 |
| ctgaaagctg | acctctataa | ataagccctt | tgcacaacgt | tcgccaagat | tncgggtgaan | 120 |
| gtcattgagg | attttccagc | c | | | | 141 |

<210> 297
 <211> 445
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 297
 tgccccggtgg agctgtgtag cctccgttcc ctgcggggtc tcantgntcg aaggaaccag 60
 ctcantaccc tgcctgatga gctgggagac ctccctctgg tccgcctgga tttntcctgt 120
 aaccgcatnt cccgaanncc cgtntacttc tgccgctna ggcacctgca ggncgttctg 180
 ctggatagca ttnccctac agaggccacc tgcccagata tgctgaagg ggaaacttca 240
 catcttcaag tacctaacaa tggaagctgg ccggagggga gccgccctcg gggacctggt 300
 cccttcccgcc ccccaagtt ttagtccttg ccctgccgaa gatttatttc cgggacgtcg 360
 ttatgatgga ggcttgact caggcttcca cagcgttgac agnggcagca agaggtggtc 420
 agggaaaatg agtccacaga tgatt 445

<210> 298
 <211> 353
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 298
 gactgaggtg taacacccag gnactacatc tggcacaagg gggatgcgct gtgagtccat 60
 catcacggac ttccagggtg tgtgcgtggc cgttggtctg gctgctctcg tgettctcct 120
 tctgttctt gatgactgtg ttctttgcc aagaactcta tctngctcaa gactngagaa 180
 tacncaagct tggggaggac nnnntaaaaa ccnggacccc gtctgagctn cncaannagc 240
 aanntctncc tcnccaccat tggncgaggg ngntttcanc cgaatagac agagcccngc 300
 gctccccaca aaatncagga nccctctcaa gtncgcctg aaggagggaa gaa 353

<210> 299
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 299
 gagaacacac tggtagcaat tttaatgtac acatgcaaga acaaaagcct gtgaagctgg 60
 aacgcaactg taggttatgc cactaactta gccttaatga atgaaatcgt agttcagcgg 120
 tggaggccct gcctagtacc tgccgaggcc ctgggttctg tctccagcac tacaagctac 180
 atacaggaat ttattgaact taggacttct tcgtgcatgc taagnnngtc ctctcccaac 240
 tgagccacat ctccagttgc ttaatgaata ttaaggaaca aaaaaaaga 289

<210> 300

```

<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 300
aagggcagag acttgatcat gcacttacac agngcnagac ttcacattgn anggaagcct      60
ttggtatggn atacctgtna cctgctcatc atagcttgac nncanntcca gcggagcnna      120
nagacctttg tgccaancct atgtgagtnc ttcaggccaa ttcattctctg ngcaaagacc      180
tggncctgcc ctgccacttt gtgc                                             204

<210> 301
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 301
tactgtagga tactcgggga agacanccac agntgtgtna aaggggaacc cccatcaaatt      60
gcgggcagnc catccgtntg acacacatca acanaggtng aagcctgcac agacc          115

<210> 302
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 302
tgagtgagaa ggccccaggg atggcgcttt ttttaaggga cctgcgtatc ctgggtaccc      60
cttcctnntg attccagacc tnagcngccc gtacctctcc aacggacccc tgtctcctgg      120
tgagagcgcg accgtctnac atgatnntgg agctcantcn tgcaatanca nattgcagct      180
gctaacaatca gnagactgct tggctgccaa naactaggat ntaagangtg cnnntnangn      240
ctgnagagat ggctcagngn ataagactgn tcttacatag gcnctgagnn caaatccnag      300
acaaccacat ggtggat                                                    317

<210> 303
<211> 444
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

```

<400> 303
gactgagccc cgttccttgt ggactgtcca gngtgctggc aaaccocagga aacagtcagg 60
ttgccagagt tgcagctggt ctacaaatta agaactcttt gacatcgaaa gatccagata 120
tcaaggcaca ataccagcag aggnntcagc tattnatcgc ttntgntcta cgtggaagtc 180
aacganntnt nnnctttgga agccagaaga gagtgttgat tcccctggat ntggagttac 240
acgccatcgt gnggatcaga caaggggtgt gngaactgaa ctctttggag agnagggagg 300
gttatgctgt tttgctctcc ccaacacagt cccacagctc ccctttgttt tagggatggc 360
aggtcctggt gtttgcgtgt ttttacagga taatgtgtaa agtcagggan gataaataag 420
taattttgag tcaaacaaaa aaaa 444

<210> 304
<211> 507
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 304
gactgagacc caatcccacc ttctcacagc caagtgccaa tggagtccag acagaaggcc 60
ttgactatga caggctgaag caggacattt tagatgagat gagaaaagag ctggcaaagc 120
tgaaggagga gcttattgac gcaatcaggc aggagctgag caagtcgaac actgcataaa 180
gaagcaaact acggaggggc aggacttgaa tctggagaaa acaaaaattc ctacaaacaa 240
ctcttaaccc ccaaactttt aagctgtaag aagaaaatgg atacacagtc aggagggag 300
ccgtcaacct ctgaaagcct cagacagtga ctctggcgat cagctgtccc ctcagtgtgc 360
tgctttattc tgtctgacct ttaccacagg atggagaatg atattggagt tcccttagca 420
gtactaaacc cgtcaggcaa gatcaccgng cattgaaata tttcatgtc tagatgantc 480
tgcacgttnt ccataatcca ttgctaa 507

<210> 305
<211> 500
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(500)
<223> n = A,T,C or G

<400> 305
tgagcgctgg cgtggatgct gccatcgect ggtctttggn gactcggctg ctttttaatg 60
gcngcagcgg ctgnctggga ngaacancta gagacnanna gtttgntntg acggnagggt 120
tgcttttggc tggcgccatc actgntggat tggcccttcc tggcccttnc tctgttagaa 180
gggagaagat gccactgcca ttnggattga aattgaaacg cacccgacgc tacactgtgt 240
ccagcangag ctgcctgggt gcccgatcc agctgctcaa taatgagntt gtggagttca 300
ctctgtcngt ggagagcact ggccaggaga gcctanaage tgngggcccag cgctggagc 360
tgagagaggt aagctgcaaa ggaggctgca ggtctttttt tcttcactcc ttacctcatg 420
gaggctgngt atcctaccta gtctacctga caccagaage atgcacttcc tgtctgtgac 480
tgcagatgaa cctgaagccc 500

<210> 306
<211> 420
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 306
 tgagccctgt cagaccccgg agtgatgtga cccacaagca gctctcagca tttggagagt 60
 atgtggctga aatcttacct aagtatgtcc aacaagttca ggngtcctgc cttgatgagt 120
 cnagaaatct gtatccatcc cgatggagtc atcccaacgc tgacttttct cagggatcac 180
 accaatgcac aattcaaadc cttggctgac ttgacggcag tggatgtccc aactcggcag 240
 aaccgntttg agattgtcta caacctgctg tctctgcggt tcaactctag gattcgtgtg 300
 aagacctatg cagatgagct gacacccatt gactctatag tgtctgtgca ccatcgcggc 360
 ccaattggta tgaggaggga ggtctggggac atgtttggag ttttcttttt taaccaccct 420

<210> 307
 <211> 254
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 307
 atgtgatgaa caaggacgag aaagcacagc anccactggg gcttagcntg atataggaat 60
 anacnnggat gnccgacagg ctttccatgt ancatgggtgn ttagttttgc cagggctgct 120
 ttgtgaagaa gaagggantg gtcannacan tgggtcanta ntgtggcnac tgtnaatacc 180
 acttnagaag gctgaaaaag acaaacgggg atntattagg ttatanganc aaaagnttaa 240
 gtgacttctt cctt 254

<210> 308
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 308
 tgagagtctc tgcaggaggt atcaccagn ngggcagatc atgctggcag caacaggggt 60
 ggccagtatt tgtcccagcc tggggcttcc tccctgggtt cttatttgca gttacttgaa 120
 taataaaacaa a 131

<210> 309
 <211> 298
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 309
gaggaggctc aatggccctg agtgaagatg aggctgaggc agaagtgtct gncaacacaa 60
aggtcccatc ctgtggcagg tggaaactctg ggaagctgct gccctcaggg cttgaaccag 120
atcagccctt acatctgggt gttgaggggg ggcactgtg gagggctgaa gctgaccctg 180
gntgcactct ttttagtttt cttgtcaong atccatactg ccagcaaaga accagtanca 240
gataggctta agcctnccct cagagncccg ctttnttctg gccagtgtag ggcactgg 298

<210> 310

<211> 268

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 310
gagaccatga aggaacacag gctgncactc anagacttnc tgaaganccn cangtctgan 60
cctgancaga aataccactn tgggagggtn ggtgnctaca agtgnactct atgagcccat 120
ggcctatatg gatgcttctt actatggnga gatcagcatc gggactccac ccagaaactt 180
cctggnccct ttcgacactg gtcctccaa cctgtgggtg tcttctgtct actgccagag 240
cgaggcctgc accacacaca cccgctac 268

<210> 311

<211> 451

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 311
gactgagacg tgatgggtgtg gtccaacgaa cgggtcatgg gttgggtgtc tggctcttggc 60
ctgaaggaat ttgctacnaa tctcacggag agtgggggtgc acgngcact gttggctctg 120
gatgaaacct togactactc cgatctggcc ttgctttctac agatacctac gcagaatgca 180
caagntnggn aactgctgga gaangaattc antaacctca tntccttagg cacagacaga 240
cggctggatg aggacagtgc caagtccttc agncgctccc catcctggag gaagatgtnc 300
ctgcgagaag gacctccggg gtgtaacccc ngattcaacc nagatgttac cccctactt 360
ttgctcantt gccgnaggag ccctacgctc tcccgnctt nctntccgcn aaactgcagc 420
ctgaaggcca gacttctggg agttagcaag c 451

<210> 312

<211> 445

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(445)

<223> n = A,T,C or G

<400> 312
actgaggaaa cacaggatga gtcagctgtg ttatgggttg atgaaattca aggtggaatc 60

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| tggcagtcca | acaaagacac | ccaagaggcc | cagaggtttg | ccttaggaat | ctctgccatc | 120 |
| aatgaagcag | tagacagccg | gtgatgttgg | cagaaccctg | agtgccctac | gttctccoga | 180 |
| cggttggtta | tatggagtga | tccccgaatg | tggggaaacg | taccagagtc | gaccttgctg | 240 |
| aagccaagaa | gaagagactg | gcagnaggag | atantaacag | naagtgggtg | agagcactgg | 300 |
| gtgaaaggng | ngtaccatta | ctaccacaac | ctgnagacgc | aagcaggagg | atgggnagag | 360 |
| ccncnagact | ttntgcaaaa | ttntntgcan | cttttatnga | gangggatcc | agagntocan | 420 |
| ctctggagta | acccgctgca | tataa | | | | 445 |

<210> 313
 <211> 510
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(510)
 <223> n = A,T,C or G

| | |
|------------|---|
| <400> 313 | |
| actgaggggt | gaacatgatg atgaggaaga tcgctgtggc tgcagcctcc aagccagcag 60 |
| tcgagatcaa | acaggagaat gacactttct acatcaaaac ctccaccact gtgcgaacca 120 |
| cggagattaa | cttcaagatc ggggaggaat ttgaggagca gaccgtggtat gggagaccct 180 |
| gtaagagttt | ggtgaaatgg gagagtggaa acaaaatggt gtgcgagcag aggccttctga 240 |
| agggggaggg | ccccaagacc tcctggagcc gagaactgac caatgatgga gagctgatcc 300 |
| tgacaatgac | agcagatgac gttgtgtgca ccagggtcta cgtccgagag tgagtgccta 360 |
| cgggtccaag | aactgcctga gacgacttcc gtgcccgtta caggacacca aacctccctc 420 |
| ccacgtncat | cttataaaact anctctcccc ttactcctga gggttactgc ttcctccaag 480 |
| gccttttgtt | cttttgctt ctctaagcca 510 |

<210> 314
 <211> 429
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

| | | |
|-------------|---|-----|
| <400> 314 | | |
| ccatgagcga | gctgaaagac ngtagcactg cagttncatg acttnaagnc tgtggaccac 60 | |
| ctgaagggtct | gtccccannt acactggcag tgctggcccc ctccgaggac gatggcattg 120 | |
| gcattgagga | gctggacacc ctgcagctgg agcttgagac tctgctgtcc tctgcaagcc 180 | |
| ggagactgcg | tgtactggaa gctgaaaccc agatccttac tgactggcag gataagaaag 240 | |
| gggaccgacg | attcctgaag ctaggtcgcg accacgagct cgggtgctccc cccaacacg 300 | |
| gaaagcccaa | gaagcagaaa ctggaaggga agacaggaca tgggccaggc cctggcccgg 360 | |
| gacgacccaa | atccaaaaaac gtccaaccca agatccagga atatgaattt actgatgacc 420 | |
| caatcgacg | | 429 |

<210> 315
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(304)
 <223> n = A,T,C or G

<400> 315
 gccggggcgcc gcctctaggg ccacccangg ctcttctaca tgccattatc ccaccaagct 60
 ncaggggggca gacagcgacc cttctgggca gctggnatcg cgactgggtg cgtnccctgac 120
 tcgggtccaat catcgagag cgcagccttt ctcccttgagg aagtgactgc gctcgggaacc 180
 tagtggggggc cggnggggagn gatgngnnncg nngagnnnct gagtcgatgg tagtgtgcgc 240
 ctggaccacc ganactctgg actagnctct gntctcttgt ggccaagngt ggctcgtgta 300
 caat 304

<210> 316
 <211> 538
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 316
 gactgagtgt cttaaaacat aatgggtgaa gacgaattgg cactcttaaa tcaaagcatc 60
 aatgaatttg gggataagtt cagaaacaga ctcatagata atcatagtca agtgctggga 120
 cttagagatg ccttcaagga ctccatgaaa gcgttttcag aaaagatgtc tttgaaatta 180
 aaggaagaag agaggatgac tgagatgatt ctggagtata aaaaccagct ctgtaagcag 240
 aataagctca ttcaacgaaa agaaagagaa tgtgttgaag atgattgctg aagtaaaagg 300
 caaggagcaa gagtcggaag agctgactgc taaaatccag gagctcaagg aagagtacgc 360
 taggaagagg gaaaccattt ccactgctaa caaagcta at gaagagagat tgaaaggact 420
 gcagaaatca ncggatctgt atagagatta ccttggaacta gaaattagaa agattcacgg 480
 taataaattg cagnttatat ttactagtat tgaccctaag aatcctgaga gcccatat 538

<210> 317
 <211> 511
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 317
 tgctaggagc gcgggggncca gcagcagncc catacccctt tggatcgtac attctanaag 60
 cgactgcccg tggagatgct aatgaaagcc atcntacagt aaagcaacat gtccttnttt 120
 nctngggacc agactgaagg aaggggaggg agagaggcag gtgcaaggcn gtgggagagg 180
 caggcttcac aagcnggng acggagttn cacaanctnt acccagggan atccccaccc 240
 tgcccatag ggccattcg ggatcaactc catntcaant gtangtcctc tggcacagcc 300
 anctgtgcct gtagcgaact ccgccagcac attttcgtn tncgacagca gcctcacagt 360
 gagctcatac aggetgcccg catccgtgcg acccgagtac ctgcagggga gtgggagaca 420
 cagacctcac ctgntgagag agcctcactc tgccagagat ctcttctgcc tatcccagca 480
 tncctgccgg gcaagtgcac cccccccagc a 511

<210> 318
 <211> 508
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(508)

<223> n = A,T,C or G

<400> 318

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|-----|
| ccactgatct | tcagcacgnt | actttgcttg | cttgatgaga | gcccggttng | nagaacatna | 60 |
| gaatgagaag | gatatgatga | gggctaccca | gctgctgagg | gaggcagaag | aagaattctg | 120 |
| gcagaatcag | catcctcagc | cgtatatctt | cccagactct | ccggggggca | cttccttcga | 180 |
| gagatatgag | tgctacaagg | ttccagaatg | gtgcttagat | tactggcatc | cctctgagaa | 240 |
| agcaatgtat | cctgattact | tttccaagag | agagcagtgg | aagaagctga | ggatggagag | 300 |
| ctgggatcgg | gagggttaagc | agctgcagga | ggaaacatca | cctgatggta | ttatgactga | 360 |
| agctttgcct | cctgccagaa | gggaagggtga | cttgccccc | ctgtggtggc | atattgtgac | 420 |
| cagacctcgg | gaacggccca | catagaggca | ggcccctcac | tgttcatgct | tgcaagtgag | 480 |
| agtttcagag | cacgctcaca | cttgccct | | | | 508 |

<210> 319

<211> 514

<212> DNA

<213> Mus musculus

<400> 319

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| tgaggacttg | gtgacttact | tcttgacctg | aggcaggcga | atgtacaaga | gacccacagg | 60 |
| tgggagcagg | agtaccgcct | gacggaggcc | taccagggtgc | cggatgccag | cgtcagctcc | 120 |
| atgcacacgg | cgtgacccg | cattgccagt | gagcctcaca | tcctgcaacg | ttattacgtc | 180 |
| tataactcgg | tcagctacaa | ccatttgacc | tgtgaggaca | gctgccgcat | cgagcacgtt | 240 |
| tgtgctatac | aacacgtggc | tttcaacact | tatgctacct | gcttgcatgg | tcttggtgcc | 300 |
| aagctggtgc | ctggtttcc | gctcatactg | actctgctgc | caagcctgca | cgtactggag | 360 |
| gtgttatgac | tgtaggcact | gccagcccac | ccactgactt | ggttcatctt | tctcctggta | 420 |
| aaattgggca | acgttaccca | atggagagag | atgaactttt | gccatcagtc | tcccccgcg | 480 |
| gagagtaaa | tgggatggga | cacctggatt | cacc | | | 514 |

<210> 320

<211> 484

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(484)

<223> n = A,T,C or G

<400> 320

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| actgagtgga | ggagtctgga | gacaacaggc | anggaaagg | catctcccta | ggggaaataa | 60 |
| aagaaggaag | aacaagtc | cagccgagga | cctcaaatgg | ntgaaaaaca | gaatgtattt | 120 |
| ggtgtctgct | gtatctttgc | atccttcagt | gaaacctttg | tcacatcac | tactctttct | 180 |
| ggcaaggaaa | ccctctgctg | agtaactatt | ataaagatga | aggttgattg | aggcatgtgg | 240 |
| ctggctagca | tgcatgtaca | gaggactggt | gatcaaatcc | aagacttcac | gaatgccagg | 300 |
| caagtactac | taactaagct | atatacctaa | caaaaagatt | ccttttctat | atagattcca | 360 |
| aataagaatg | cttaaatagc | aatcaagtat | gctgaagccc | tggacgcaca | tgattttact | 420 |
| cccctaaatg | gaagcctaca | atttctgaga | atccccaaaa | taaaaactcc | tgtacaaccc | 480 |
| ttgc | | | | | | 484 |

<210> 321

<211> 466
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 321
 actgatcttc agcaaaatga ccctgcantg caccaagtca gctggacact ggangatggt 60
 ggngtcggat gaagaaaggc ttcttgggcc gnaggcatga attcacagcc gagtgtccca 120
 gtgtccttgg aacttgggtt tgagacggtg cgatctctna aagtcntgag cgnagcgagg 180
 gtaggctntn agcacnccng atttccaagg acagcaatat gtgcttgnat agggggcgatt 240
 acccgngctg ncatgcctgg ggtggcaaca caagactacc ctgcngagag gctcanctcc 300
 ttccggngctg tggcctgngc taaccnaccg cgactcaagg ctgaccatct tctagcagga 360
 gaacttcctg gtgcagagaa aggctgagct gaacccnatga ctattncctc tcttgcnggc 420
 catgggcttg ggacggcact tggangggggc ctcctttcca tgttca 466

<210> 322
 <211> 521
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 322
 aactgagctt tctgcctgtg aaaacactta agaatcatgt ctctgcatca gtttctgctg 60
 gagccaatca cctgccatgc ctggaacagg gatcgtaacc agatcgccct gagccccaat 120
 aaccatgagg tgcacatcta taagaagaat gggagtcagt ggacgaaagc gcacgagctg 180
 aaggaacata atggggcata tcacaggtat tgactgggct cctaagagcg accgtattgt 240
 cacttggtgg gcagaccgca acgcctatgt ctggagtcag aaagatggca tctggaagcc 300
 caccctgggtg atcctgagga ttaaccgtgc agccactttt gtgaagtggc ccccacttga 360
 gaacaagttt gctgtgggga gcgagagccg gctcatctct gtctgttact ttgagtctga 420
 naatgactgg tgggtgagca agcacattaa gaagccgata cgntccacag tccttagctt 480
 ggnctggcat cccaacatgn ttttgctgct tgaggctcct g 521

<210> 323
 <211> 460
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 323
 ttgtactggc ccattcanag aagacatcat tcaactacnc catgaaggag gctgctgtng 60
 aggctctgaa gaagagagga tgggaggtac tcgaatctga cctctatgct atgaacttca 120
 accccatcat ttccagaaat gacatcacag gtgagctgaa ggactctaag aactttcagt 180
 atccttccga gtcattctcta gcatatnagg aaggncggct gagcccagat attgtggncc 240
 aacacaanaa gctggaagct gcanacctgg tgatatattca nttcccattg cagnngtttg 300

| | |
|---|-----|
| gggtgccagc cattctgaaa ggctggtttg agngagngct cgnagcagga tttgcctaca | 360 |
| catatgctgn catgtacnac aacggtcctt tccagaataa gaagaccttg ctttctatca | 420 |
| ccaactggggg tatgcggctc natgtactct cttcagggtg | 460 |

<210> 324
 <211> 407
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

| | |
|---|-----|
| <400> 324 | |
| aggggtacct gactagatgg aggatgctct tgctgcctgc ncagaannng ncacgagtac | 60 |
| atgggtgcag tgaccaaagt tgacacatcc cgtcccagag gaccactcct cagcacagtg | 120 |
| tcacagaccc agggccacaa tgcagnnngn ctgtggaggt ggntgagacc atatgatgtg | 180 |
| gangtgact gatatctccc tctttttttt tttnatttgt angtnnntct nannggatna | 240 |
| tnccntttca cttngttcan aactncaaag gcacaaaggt tgttcggtgg agtttgact | 300 |
| tnccacctct cgtnttgac acctggttct tccaggctgc tgtgcatgct aggggagagt | 360 |
| ttgagtagac caggggtgag aagcangcgt gaactgctaa cagcaca | 407 |

<210> 325
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

| | |
|--|-----|
| <400> 325 | |
| tgaggacgat gctgtcagta ttgagagtgg cacaaacaca gaacgcccgg acacgcccac | 60 |
| aaatacgcca aatgcaccag gaaggaaaag ctggggaaag ggaaaatgga agtcaaagaa | 120 |
| atgcaaatat tctttcaaag gtgtgaacag cctcaaggta tgtgctagga agctctagac | 180 |
| ttcanacttc tctcagggca tatgggatac ccttaggnct aancatatttt aaaactactg | 240 |
| ttttaaaggg gtttctgttt gtttaagttg actattctaa tctgncacac agttaatcaa | 300 |
| gtgagctttg tttatccttg tttttactt tgaatgtata atagttagta ttgtaggctg | 360 |
| ttcttgactt atttggtgat ccaaataaag gactttaaga | 400 |

<210> 326
 <211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

| | |
|---|-----|
| <400> 326 | |
| actgaggttt atttatgagn acactgttgc agtcttcata cacaccagaa nagggctgtc | 60 |
| agtatcccat tggagatggg tgtcngncac catgnggtta ctggaaatta nacctttgga | 120 |
| agagcannca gagctctgag ccatactctc cagcccgaag gctgacntta ttacaggtna | 180 |

| | | | | | | |
|------------|-------------|------------|------------|------------|-------------|-----|
| accgttatgt | tacttctccg | atgcaattgc | tganttataa | actatanaga | agatgggtgag | 240 |
| gccnacaggt | gtncanggtg | nntcaaatct | ttcagtcctn | ttaagcctca | ctcctagaac | 300 |
| tacaactncn | gtaaggggtcc | acntcctcg | cccaaggggc | ggngcctnac | gcaaggagaa | 360 |
| agaccacaac | tcccagagaa | gtccc | | | | 386 |

<210> 327
 <211> 383
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| ccaagactgc | cctttggtat | tcaaacgggc | agccgctntg | gactgantgg | ctgncttcct | 60 |
| cctcctcccc | ctcctcccc | ttctgcttca | gatttatit | ttanatagna | cagtacacat | 120 |
| ggagcaggng | tnggacacac | tagacgaggg | caccagatct | nattgtgggt | ggatggatgg | 180 |
| ggtgtnnntt | tacttttgang | ataacgcatn | ngncanagna | tncaannncg | gagagatcga | 240 |
| aaggtctctg | tatcacaggc | ncaagtggca | aaggagtng | catgacttga | ggcccagaat | 300 |
| tgcattccaac | acaacgcagc | antgcttgat | tctccagggn | atttgtaaaa | tatattcatt | 360 |
| aaagcttctg | ctctgaaaaa | aaa | | | | 383 |

<210> 328
 <211> 362
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| cggaccattt | tcgaatacca | ccgtgtggaa | ctggactcca | gcaagatcac | caccacctcg | 60 |
| gccgtggagt | tcaccccggt | gccaacctgc | ctccagcatc | agagttgcga | cacctgcgtg | 120 |
| tcctcgaatc | taaccttcaa | ctgcagctgg | tgccatgtcc | tgacagaggtg | ttccagtggc | 180 |
| tttgaccgat | accgccaaga | atggctgacc | tacggctgtg | cccaggaggt | gancntngtg | 240 |
| aatggntctg | tggtgcnngt | ggttggaagt | ttgtcatgct | tcaggantat | anccttgata | 300 |
| atgtttaang | nggacggcnn | tncttctgta | ctagcttttt | cantcacttt | catcaccaaa | 360 |
| ta | | | | | | 362 |

<210> 329
 <211> 517
 <212> DNA
 <213> Mus musculus

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gactgagggc | gagcggaagt | ggacgccctc | ctccgtcacc | tcggacaggg | agaagagggga | 60 |
| caccatctgg | aagccgccc | tatcctgggg | agaccccgca | gcgaagctgt | caggagattg | 120 |
| agactgggga | cctctcacct | caacgcagcg | cccagggcg | gcaaccccaa | ctcaccgtca | 180 |
| gcagattgtg | gggccaattc | atgaagccgt | gaagaccctg | ggctttccgg | atcagctccg | 240 |
| gtccctgtga | gggagaaaaa | gttagcgggt | cccgcagctc | cacggccagg | tgtgggtgag | 300 |
| ccccggcact | gtgggcctta | ctcaacagac | ttttccaaag | acccctcgc | caccacccc | 360 |
| ccagatcgaa | tccacacacc | ggcctcagcc | ccagatggta | ggtgttgccc | aagcagatgc | 420 |

ggcagcccag ggagtccagc tgctccgtgg tgataccctt catggtggcc tgtgtaccca 480
caggcatgaa cacaggggtg gctaccgttc catgcgg 517

<210> 330
<211> 342
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 330
aactgagcaa gcagggatgc acagtcactg tgtctgattt atatagcatg aactttgagc 60
caagggccac aagaaatgat atcactgggtg cccctcttaa tcttgacgtc ttcagttatg 120
ggatagaaac ccatgaagcc tacaagaaga aagctctgac cagtgatata tttgaagaac 180
agagaaaggt gcaagaagct gatcttgtga tatttcagnt tccactatac tggttcagcg 240
ttccagcaat cctaaaaggt tggatggata ggggtgcttg gccgagggtt tgcctttgat 300
atcccaggct tttatgactc tggttttctc aagggtaaat ta 342

<210> 331
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 331
tgagtggaca gaagattgca gaaaatcaac gtatcctcct tctggaccaa cctatagagg 60
accagttccg tggcacacca taaatcttga tttaccaccc tacaaaagat ggcatgaatt 120
attggctcaa aaggcaccag cgttgaggat tttagtgaat tccataacga gtttagtgaa 180
tacatttgtg ccaagtggaa aactaatgaa gatggtggat canaagctgn ctggtatgat 240
tggcagcctt cctgaccctt ttggagagga aatgagggga attgcaaatt ttactgggat 300
tcctctagga a 311

<210> 332
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 332
tgagggacac accgcaagat accaactt actttctttg cgggaccctg cgctccctgg 60
gggtccaggt ttgccagtc tctgttgtgc ctgatgaagt anccaccatt gcatccgagg 120
tcaactcatt ctccaggcgc ttcactcacg toctcaccgc ggggggcac ggccccactc 180
atgatgatgt tacctttgag gcagtggcac aggccttttg ggaggagctc aaaccnnggn 240
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<210> 333
 <211> 253
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 333
 cactgaagac gactgttccg ttattgggaa gtaatcagct tttgaaactg agagtgttgg 60
 gaaggatata cttacgtaat ggagctgtct tnnncgagag accagcctgc gtcctaaagt 120
 ttgctttana gagtaggaat gtcggggttn ccagttagaa aacctttatt tntggaaacg 180
 gaataaaaaat ctcttagaaa cttttgcaga taatttgang ttgggcaaatt atatataatt 240
 attttttctg ggt 253

<210> 334
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 334
 cagcaacttt gagcaggtga tcctggggct gatgacaccc acagtgtctgt atgacgtaca 60
 ggagctgcng gagggccatg aaggagctg gcacggacga gggctgtctg attgagatcc 120
 ttggcctctc gtaccctga ggagatccgt cgaatcaacc agacatacca gcagcaatat 180
 ggaaggagcc ttgaagagga catctgtctc gacacatccc ttcattgtcc agcgagtact 240
 ggtgt 246

<210> 335
 <211> 223
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(223)
 <223> n = A,T,C or G

<400> 335
 ctaccctgcg gagaggctca nctccttncg gcctgnggcc tgcgctaacc accgcgactc 60
 aaggctgacc atnttctagc aggagaactt cctgngcagg aaaggctgag ctgaacgatg 120
 actatccctc tctgcaggcc atgggctggg acggcactga agngggctcc ttccatgatc 180
 aatctggggc gnggggtttg ttcccaattt cctggtatcc cga 223

<210> 336
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 336

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| tgagatgtac | tgctccatct | gaaagtcaag | gttggtgcc | cctaagtgg | ttccccgcagc | 60 |
| aaggaatttg | aggacatcct | cctccttcat | ctgcaggacg | tcaagggctc | cggacattgt | 120 |
| gtaagtttcc | ctttaagtta | cgatgggaat | caagaacaac | gccgtatgga | cccgtccccg | 180 |
| ggtagcacgg | aaagcctata | ataactttta | aaagcaaaa | | | 219 |

<210> 337
 <211> 178
 <212> DNA
 <213> Mus musculus

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| attactgata | aaggagaact | gaccgctgac | cccgacagtg | aagtggctac | tacaagtctc | 60 |
| cgggtgtcac | tcatgtgcc | gctagggaag | atgcgcctga | ctgtcccgtg | tcgtgccctc | 120 |
| acctgtgccc | atctgcagag | tttcgatgct | gccctttatc | tacagatgaa | tgagaaga | 178 |

<210> 338
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

| | | | | | | |
|------------|------------|------------|------------|------------|--------------|-----|
| gactgaggta | tttactcaag | caggatgcan | cctgtgccta | catagcacct | tcatacatga | 60 |
| acaatcatag | cagnitcatt | cataacagct | ccaaatgggg | agcagctcaa | gtgcccacatca | 120 |
| aggaatgaaa | gaaagagaga | aatgaangat | agaaggaaga | aaaagg | | 166 |

<210> 339
 <211> 502
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

| | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-----|
| gactgaggtg | acaaccattc | tacggaatat | aagtaaccagc | taaagaggac | acacacttga | 60 |
| agaaaaagga | gacaatgagg | anancacgtc | cntcctgtgt | gtnccccann | tanncncaat | 120 |
| ncagtgaanc | tgactntcta | angaaaccnt | ctagttgggn | ctggagagat | ggctcagngg | 180 |
| ttaatgagca | ctgactgctc | ttcaagatgn | cctgagttca | atnccnagca | tnacantggn | 240 |
| ggctnacinac | gatccataat | gagatncagt | gcccccttct | ggtgnatntg | aagacngnta | 300 |
| cnntgtactc | acatacataa | gaataatatt | aaattttgac | tctctnnaca | aatngntgat | 360 |
| cangaaagac | annagcgcca | ggangcgttg | nanagtttagc | tgtacnagct | agcctntctc | 420 |
| acggtctggg | gagtcctatt | tatactccct | ccaaacatca | cattgtntctn | catggnttct | 480 |
| tgctcaccgg | tgtgtcttac | ct | | | | 502 |

<210> 340
 <211> 126
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 340
 gaactgagcc taaaggacta aaagggaaaa atggtaggac gagaaaaaaa agtcatccat 60
 ccgtacagta gaaaagcanc tcagattaca agagagtctc acaaacaaga caagaaggaa 120
 agattg 126

<210> 341
 <211> 228
 <212> DNA
 <213> Mus musculus

<400> 341
 actgaggtgg gtctcttttgt ggacttttcc gtgcgactct tcacccaact gaagttcgga 60
 gtggttcaaa cgtgtatcct ttctacggct ccattgtttc agacccttcc attctcgagg 120
 ctctttcttg ttgagaaatt tatcagtaaa tgtgggtattt gagagactgt ttgttagcca 180
 ttcaggcagg agttttttaa ttgtcactga aggacaggaa aaaaaaaaa 228